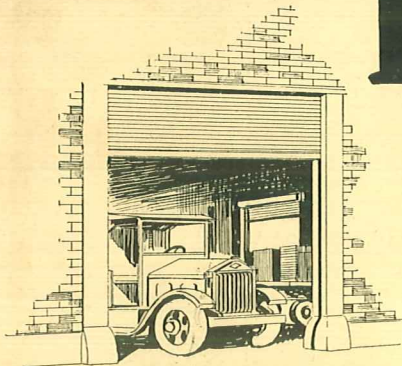
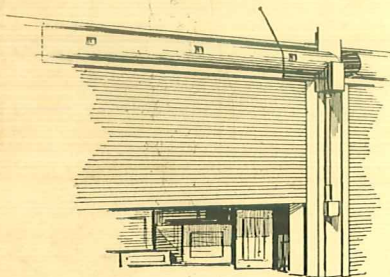


Modern Uses for
Kinneor
Steel Rolling Doors

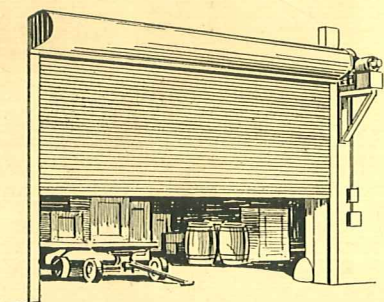
Kinnear Products



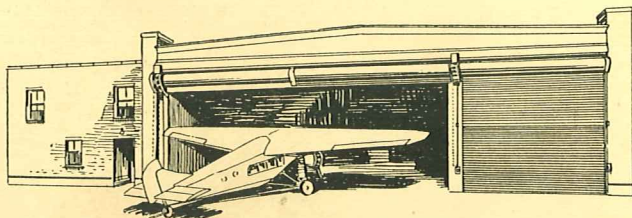
**SERVICE
DOORS**



**FIRE DOORS
AND
FIRE SHUTTERS**



**MOTOR OPERATED
DOORS**



**AVIATION
HANGAR DOORS**

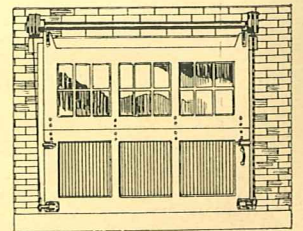
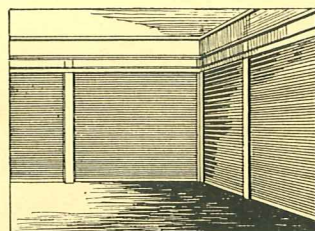
K

INNEAR Doors are accepted as the standard of quality the world over. Just as most people speak of all cameras as "Kodaks" so most people speak of all steel rolling doors as "Kinnear" doors.

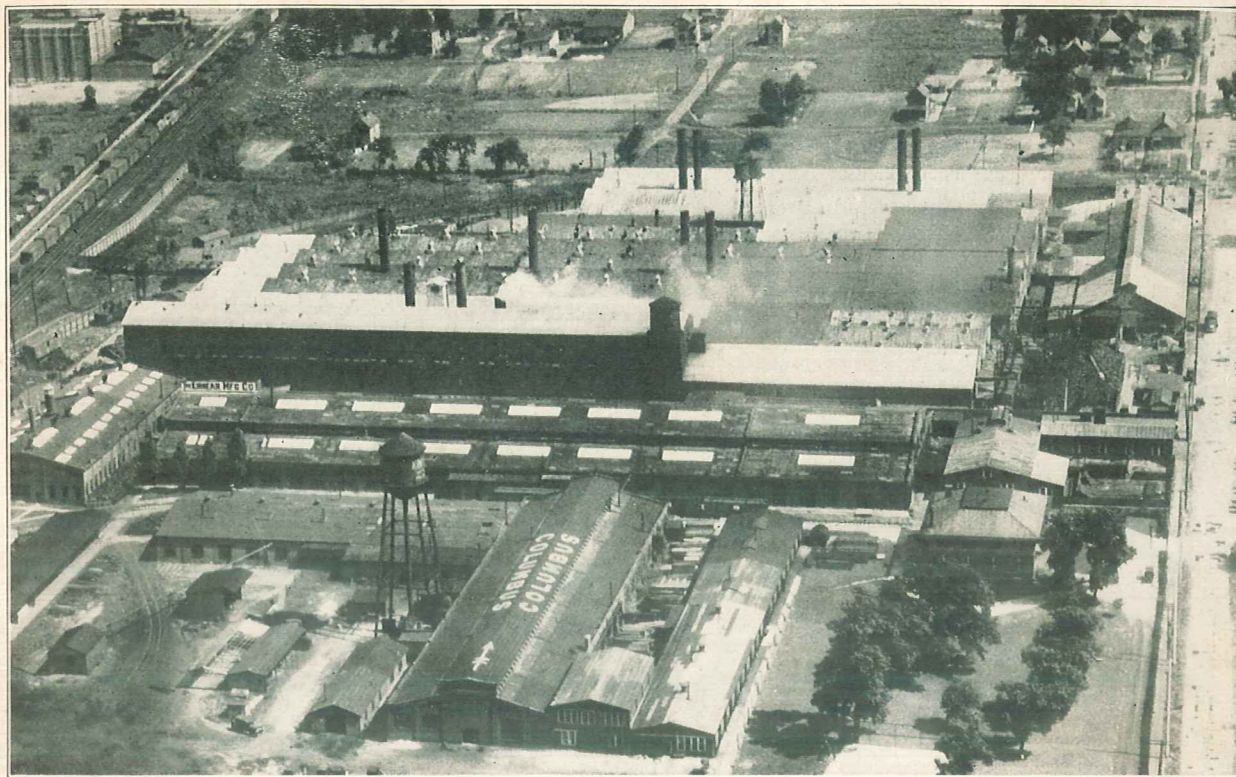
There is a reason for this. The Kinnear Company is the originator of the interlocking slat steel rolling door, and with over thirty years' experience behind them, they lead the field beyond all comparison. Kinnear has done most of the pioneering in this field, and has kept years ahead on all improvements.

The reputation of the Kinnear Company as Door Engineers is the result of years of experience and years of faithful service to architect, contractor, and owner.

From the beginning Kinnear has concentrated all her energies on the perfection of just one product — DOORS. The modern and fully equipped Kinnear Plant, occupying twelve acres of ground, is still devoting its entire capacity exclusively to the making of this one product.



**WOOD ROLLING AND BIFOLDING
DOORS**



Aeroplane View, Kinneear Plant and General Administration Building, Columbus, Ohio

Kinneear Manufacturing Co.

Home Office and Plant Columbus, Ohio.

Kinneear

ROLLING

Doors

*Built by Engineers to
Individual Specifications*

Branches

BOSTON, MASS.
294 Washington Street
CLEVELAND, OHIO
528 Union Building
PHILADELPHIA, PA.
503 Wesley Building
CINCINNATI, OHIO
Room 217, 528 Walnut Street

KANSAS CITY, MO.
111 Railway Exchange Building
NEW ORLEANS, LA.
739 Hibernia Bank Building
PITTSBURGH, PA.
1723 Oliver Building
WASHINGTON, D. C.
935 Investment Building
CHICAGO, ILL.
128 North Wells Street
1812 State City Bank Building

NEW YORK, N. Y.
342 Madison Avenue
DETROIT, MICH.
812 Ford Building
SAN FRANCISCO, CALIF.
444 Market Street
LOS ANGELES, CALIF.
Bank of Italy Building

KINNLEAR

ROLLING • DOORS

There *IS* No Equal



Saved From The Common Ruin By Kinnear Fire Doors and Shutters

(Hollywood Exchange, So. California Telephone Co.)

When adjoining buildings burst into flames, the Kinnear Steel Rolling Doors and Shutters on this building *automatically closed themselves*, preserving the structure from any damage whatsoever.

You could be introduced to Kinnear Products with no more powerful evidence of their real value.

The Salient Advantages of *Kinnear* Steel Rolling Doors

As Reported
by a Committee of
Prominent Architects



A Committee of Architects with an Engineer has carefully inspected installations of Kinnear Steel Rolling Doors. This personal investigation, together with the good reputation of The Kinnear Manufacturing Company as Door Engineers and Manufacturers, their experience extending over 30 years, leads the Committee to issue full approval and commend the mechanical excellence of their doors.

"By every reason of their design," says the Committee, "Kinnear Doors bring about:

1. Saving in time by an easy, quick operation.
2. Saving in valuable space by restricting travel to a vertical plane with a headroom requirement of from 10 inches to 30 inches, depending on the size of the opening.
3. Insignificant maintenance cost because of their inherent durability.

4. High class fire protection.
5. Safe conditions because of high factors of safety.
6. Ample protection against adverse weather conditions.
7. Simplicity of the design of wall opening.
8. Neat appearance.

(Signed) RALPH MORETON HOOKER, Secretary,
Investigating Committee of Architects and Engineers
Box 72, Wall Street Station,
New York City.

NOTE: Committees serve without compensation and are absolutely unbiased. The object is the promotion of "Better Building." Expense of the investigation is paid by the manufacturer. The names of the members of this Committee will be furnished to any Architect or Engineer upon application to R. M. Hooker, Box 72, Wall Street Station, New York City.

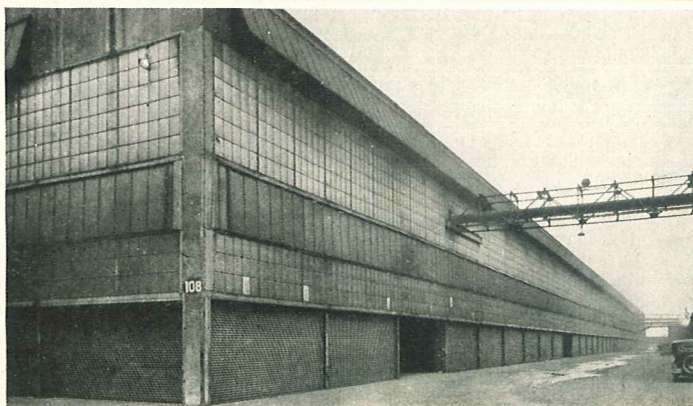
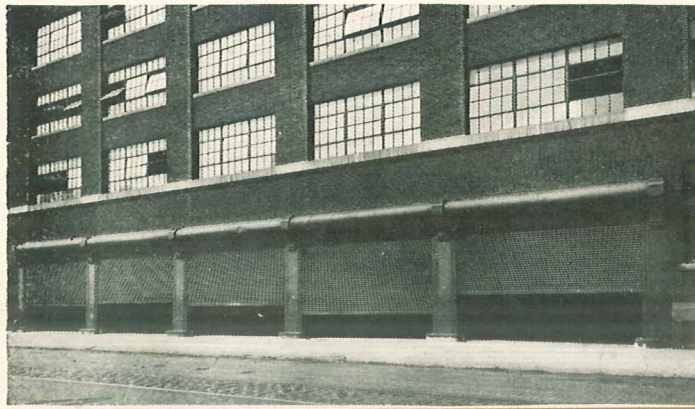
Kinnear

SERVICE

Solve Your Problems with Space Saving

Whatever your door needs are—regardless of the size of your opening, a Kinnear Door can be made to fit it. We carry no doors in stock. Every door is made to order. It is made to fit the opening for which it is intended. When we receive your order we set about to make a door that fits exactly your needs. You get the benefit of our vast experience in producing steady, durable, efficient types. Easy and rapid operation of Kinnear Doors is obtained by careful calculation to determine the size of springs employed in counterbalancing; the quality of steel of which the springs are made, the liberal use of annular roller and thrust ball-bearings, machine moulded gears and other refinements of this character.

Careful consideration will show that the use of Kinnear Doors solves the most difficult door opening problems. They simplify the most complex problems of storage and transportation. They facilitate the handling of merchandise and freight and make available greater floor areas. The entire side of a building, if desired, may be converted into the equivalent of a single opening by a series of doors. Goods may be piled close to the door, as it is not necessary to leave space for the door to swing open. It is possible to successfully close openings of excessive size.

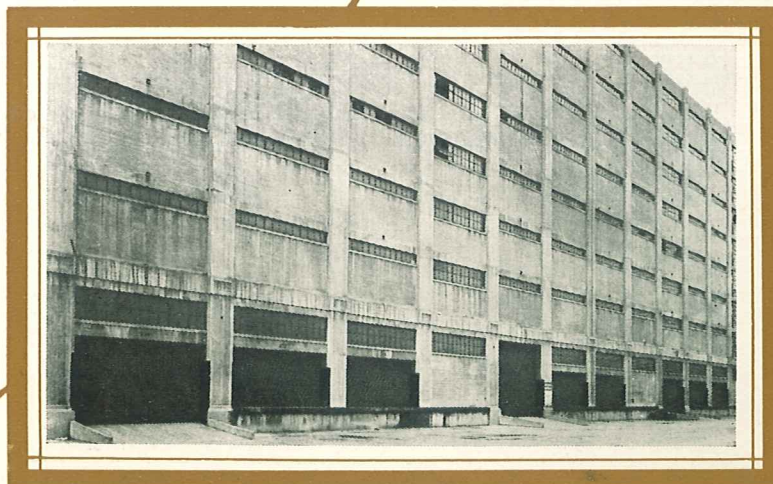
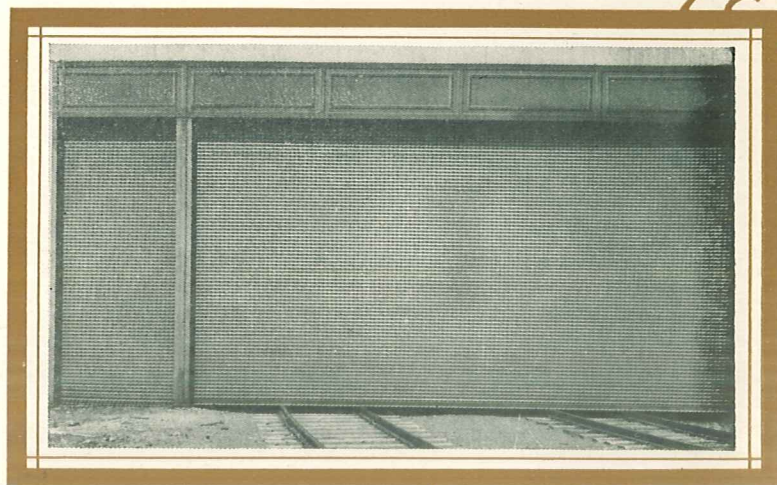


DOORS

Opening the Efficient Kinnear Door

Kinnear Door Mechanism is mounted above opening, curtain travels in a vertical plane, thus affording maximum economy of space. It is hard to estimate to how many thousand separate uses the Kinnear Service Door has been put. A great street railway car barn will be seen with 150 Kinnear doors in a row. Perhaps a little later you will see the same convenient neat appearing door on a private garage. If you were to go to the great steel foundries you would find the Kinnear Core Oven Doors built to withstand intense heat. Should you travel on a ship to almost any port in the world you would find the wharfs and docks equipped with Kinnear Doors. Art Galleries, Theaters, Public Edifices, Mercantile Buildings, Piers, Factories, Ware and Freight Houses—on almost every conceivable type of structure that has use for a door that is convenient, durable, quick operating, compact, and out of the way, you will find the Kinnear Door giving dependable, efficient service.

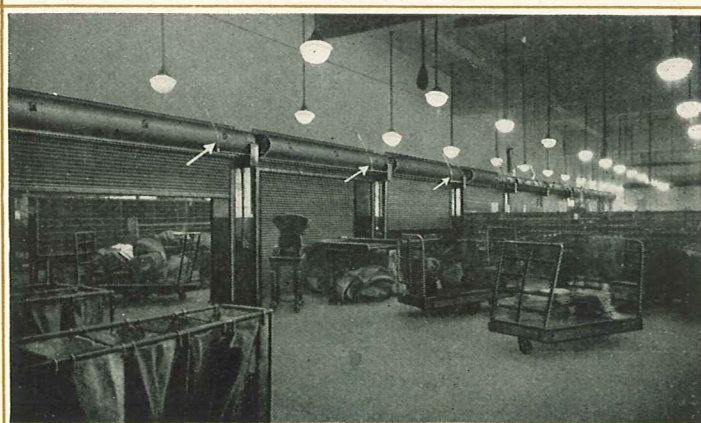
Note: If you are planning new or the improvement of old structures, let our experienced Door Engineers furnish you with full estimates for the cost of the Kinnear Service Door that will exactly fill your needs. A Kinnear Engineer will be glad to call on you to make layouts and submit estimates. This service entails no cost or obligation.



Kinnear

Fire Doors

*Endorsed by
and 33
Successful Fire*



The best architects and engineers, experts, who have made a careful study of fire preventive building methods, are practically unanimous in their agreement with America's fire chiefs in the opinion that the best fire doors and shutters are represented in the products of The Kinnear Manufacturing Company. It was in 1894 that Kinnear originated the interlocking steel slat door. Today Kinnear fire doors and shutters are standard for use in every civilized country in the world.

The many great advantages of fire doors and fire shutters may be summed up in the following nine points:

1. Lowering of Insurance Rates.
2. Prevention of financial loss by elimination of communicating and exposure hazards.
3. Prevention of loss by reduction of fire areas.
4. Prevention of losses of tenancy and rents.
5. Prevention of losses and profits by interruption of business.

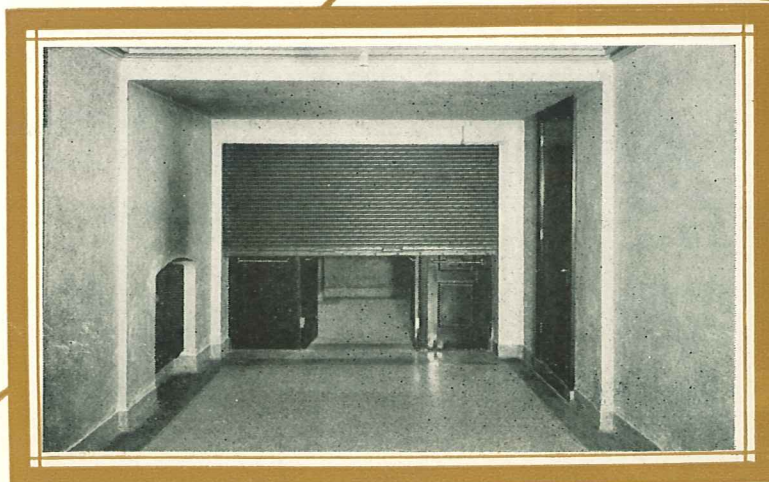
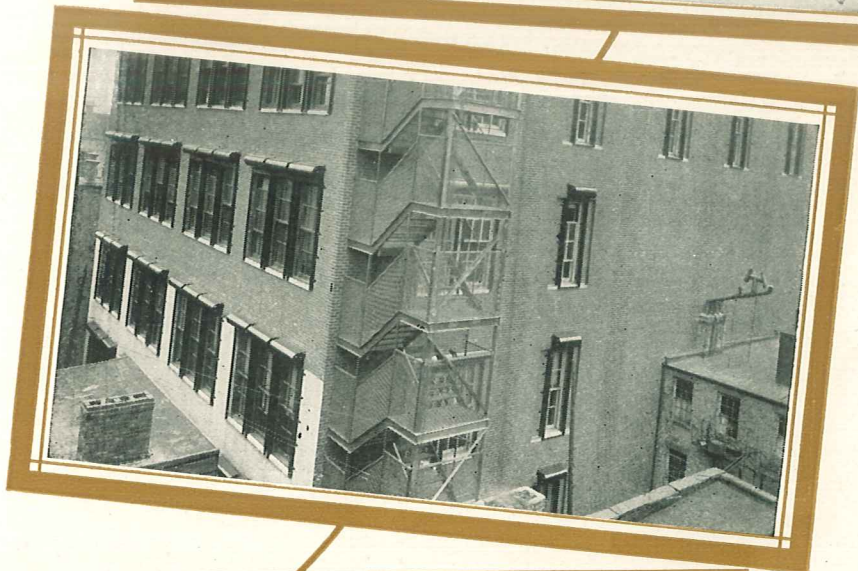
and Fire Shutters

Underwriters Years of Prevention

6. Prevention of losses of valuable records.
7. Prevention of loss of life.
8. Lessening of the possibilities of conflagration.
9. The reduction of economic waste.

Kinnear Fire Doors and Fire Shutters are produced in two types. The concealed or disappearing type for new buildings where provision can be made in designing to accommodate them within the walls, and the visible type, adapted to existing buildings. Both types are illustrated on these pages.

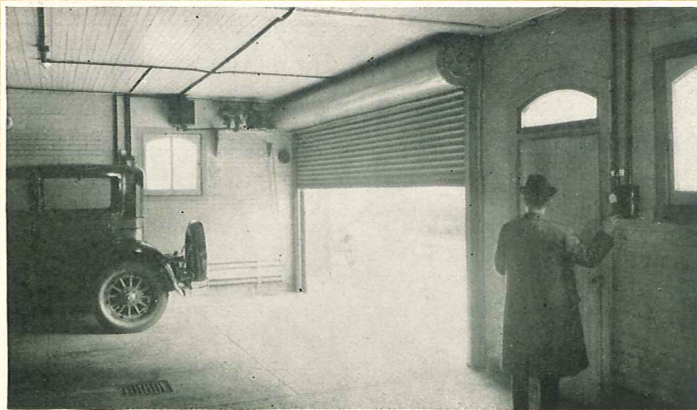
Note: It has been proven time and again that it is false economy to neglect window and fire door protection because of the cost. Why not let us furnish you with free estimates on the cost of equipping your present or planned structure with these engineered Kinnear products that neither conflict with door and window functions or deface your building architecturally. A Kinnear Engineer is at your service.



Kinnear

Motor Op

Lifetime that Open with a Push



The Kinnear Motor Operated Door is fast becoming one of the most popular of all Kinnear installations. Many prominent engineers are predicting that the Kinnear Motor Operated Door will soon be demanded on all buildings which need doors that combine the features of convenience, durability, and quick action *as do the new Kinnear Motor Operated Doors*. The great Western Electric Company, for instance, has installed many of them.

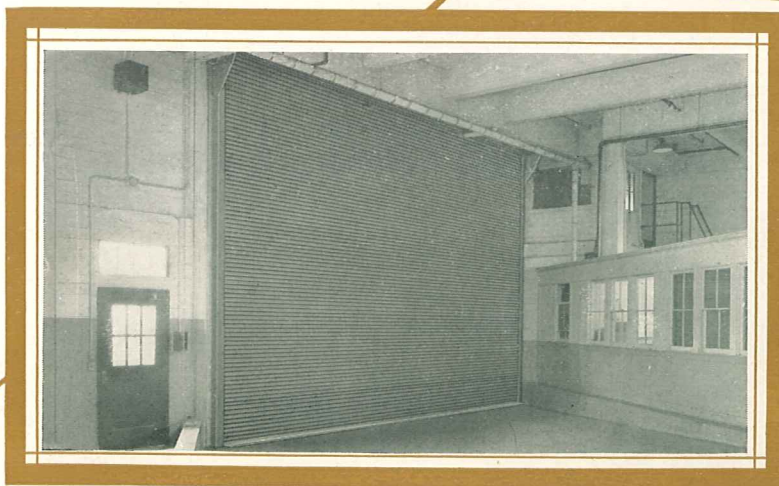
The reasons for this deserved praise and popularity are obvious. Think of the convenience of stepping up to the strong steel door, pressing a button and having it magically raise up before you; pressing another button and having it close again. No effort or work on your part — no pulling of chains — no time lost. It is a simple, durable, sure operating door that affords real convenience and protection. The Kinnear Power Unit, like the Kinnear Door itself, is an engineered product built to give a full life of service and satisfaction

erated Doors

DOORS and Close of a Button

along with the Kinnear Door to which it is attached. It is built with great strength and precision. No weak parts—no parts likely to wear out quickly are to be found in it anywhere. It is engineered—completely thought out to cover every need and every emergency. It is made with exactness down to the 1/100th of an inch. No advanced automobile motor, no ultra modern elevator motor is made with any more precision and exactness than the remarkable unit which is attached to every Kinnear Motor Operated Door.

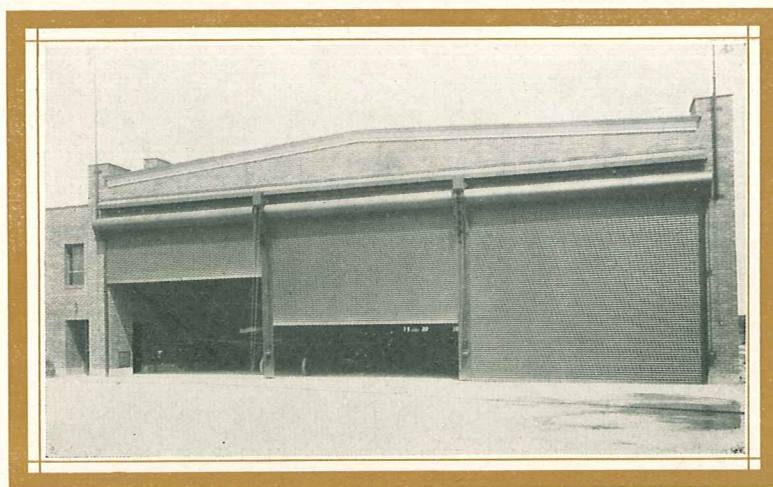
NOTE: Naturally Kinnear Motor Operated Doors cost more than those operated by hand. But it can be quickly seen that the added convenience and time saved is well worth the difference. Remember that our Engineering Department is at your service, and will furnish you without cost or obligation, the cost of a Kinnear Motor Operated Door to fill your needs.



Kinnear

Aviat

These Fast Saving Doors Equipment In



A convenient, out of the way door that can be opened and closed with speed, is a requirement of paramount importance for the modern aviation Hangar.

To allow the wide wing spread planes to pass easily in and out of the hangar, to afford maximum protection against wind, rainstorm, fire, thieves and meddlers, are door problems in which airport officials have turned with relief to the sturdy Kinnear Steel Rolling Door.

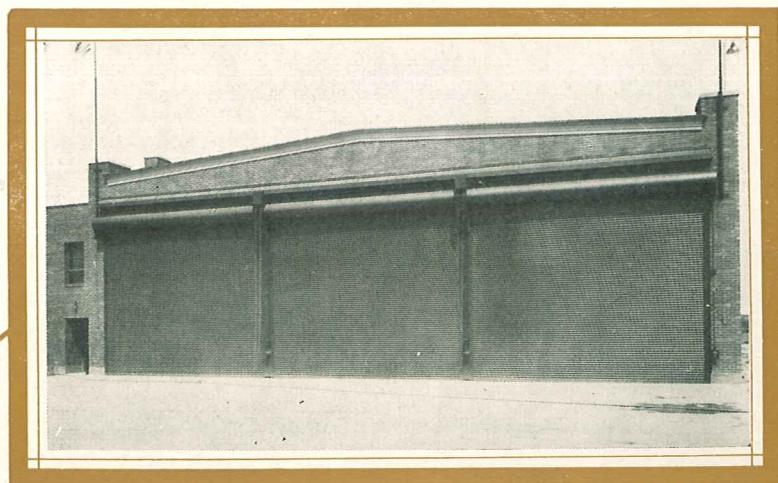
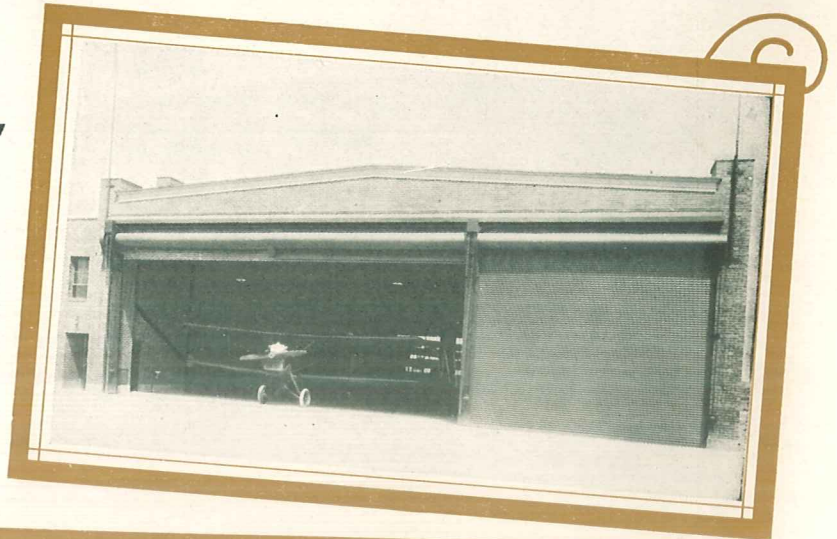
For no other type of structure than the Aviation hangar has the Kinnear Door proved itself to be quite so ideally adapted. Where the opening is too wide for a single door, the efficiency of a single opening is gained by using posts which slide out of the way the instant the door is coiled at the top of the opening.

ion Doors

Moving, Space- are Standard the Best Airports

In most airports the Motor Operated Type Door is preferred. The reasons for this preference can be readily understood. It is often necessary to get a plane out of the hangar with speed. With the Kinnear Motor Operated Door, it is only necessary to press a button and in a few seconds the door is up overhead out of the way. Sliding the posts to the side gives a clear opening for planes to get out the hangar without a moment's delay. The whole operation, even for the widest opening, takes but little over three minutes. Moreover, wind, rain and snow never interfere with the quick, easy operation.

Note: Write to our Engineering Department about your aviation Hangar Door problems. We will be glad to furnish estimates without charge or obligation.





The Facilities of *Our Engineering Department* Are At Your Disposal

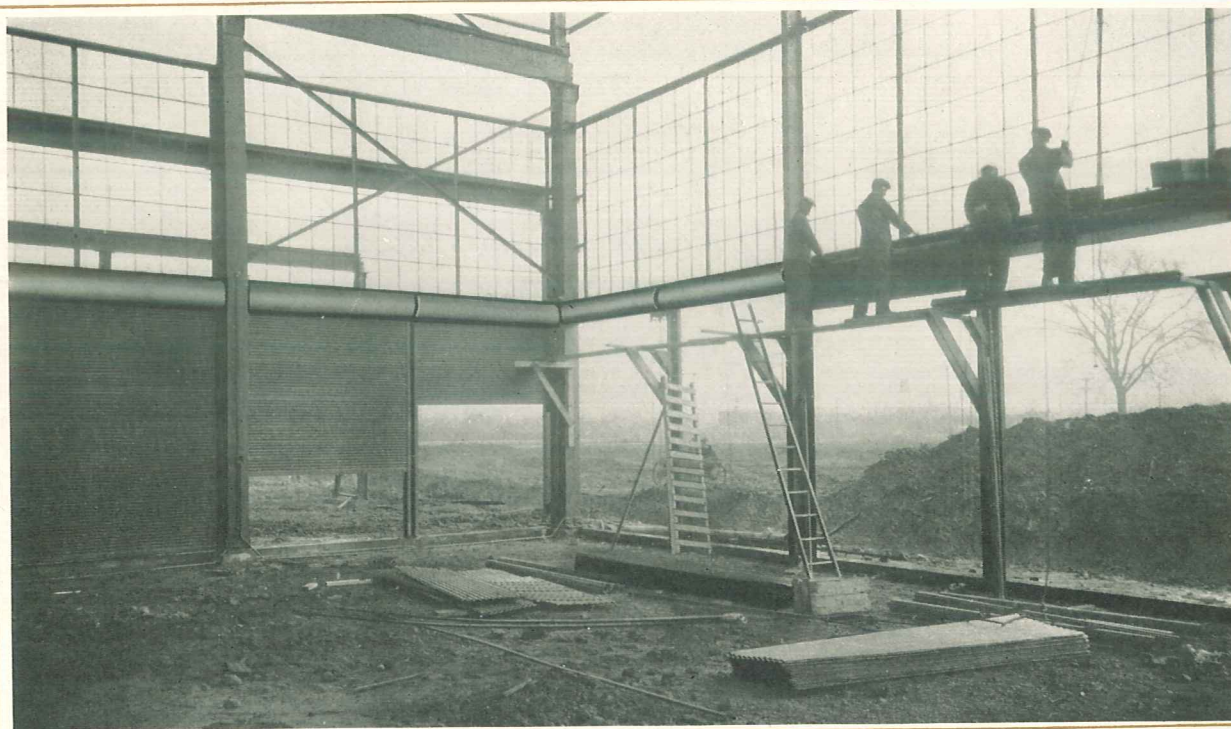
IF YOU are confronted with any opening problem whatsoever, do not hesitate to call on the experienced Door Engineers of the Kinnear Company for aid in the solution of these problems.

Our experience in this one field, extending as it does over 30 years, enables us to design the door or shutter that exactly fits your needs.

Proper Engineering is absolutely essential from start to finish when installing a steel rolling door. The door must be planned and designed right in every detail at the factory to eliminate the costly and unsatisfactory practice of cutting and fitting on the job. However, the Door Engineers must be resourceful enough to cope with conditions on the average building which are not obvious to either the architects or owners. In order to give a high class installation the Engineers must be able to quickly adapt and coordinate their plans, not only with the general architectural scheme, but with the practical problems of the mason, carpenter, and structural steel contractor as well.

In their ability to meet these requirements Kinnear Engineers have built up the enviable reputation that brings back old customers again and again and attracts countless new ones.

Our Experienced Construction Crews Assume Responsibility *for* Proper Installation



A STEEL ROLLING DOOR is not a door until it is properly erected and functions as designed. This is an important point to consider in selecting your doors.

Our erection crews, familiar with nearly every possible installation problem that could arise, install your door with a speed and dexterity which comes only as a result of their long experience with this one particular problem.

The additional cost for the services of this expert crew are consistently lower than the cost would be to the average purchaser if doors were erected by his own men. Furthermore, reason shows us that it is a penny-wise, pound-foolish policy to erect an engineered product of this type with inexperienced men.

Put the responsibility for proper erection on the manufacturer, where it belongs. These erection crews are maintained by us for the one purpose of giving better service to our customers and for relieving trouble and responsibility from the shoulders of the architect, owner and contractor.

The Advantages of the *Kinnear* Door From the Standpoint of the Architect

Over 90% of America's Best Architects guard their most valued asset—REPUTATION—by Specifying Kinnear Doors and insisting that their specifications be followed. The architect who aims to keep pace with the best modern developments is ever seeking devices that conserve man-time and energy.

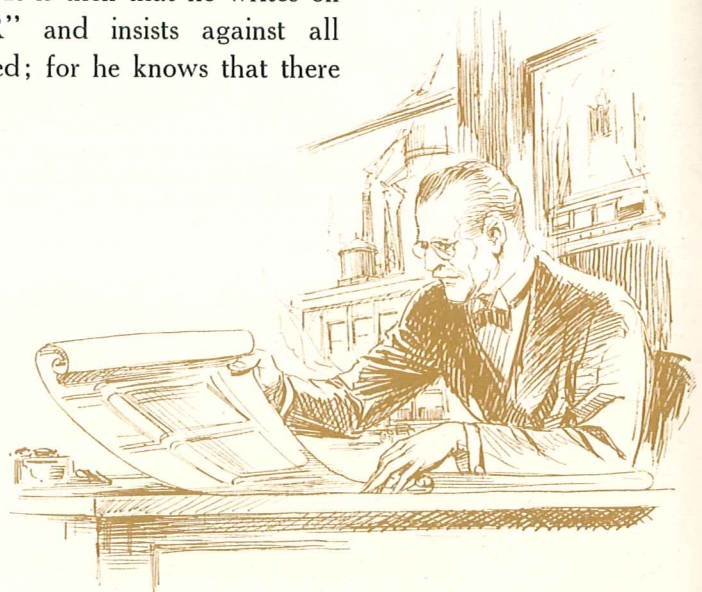
He demands in a door the utmost in compactness and sightliness. He is concerned also with the safety features of the door, and with its simplicity. In all their requirements he finds his answer in the Kinnear Door. He next turns to investigating the method of its construction and the quality of material used. The method of its installation, although largely the concern of the contractor, is important for him to consider. Ease of operation, speed, space occupied and adaptibility to its varied needs as fire door or service door must be taken into account. No

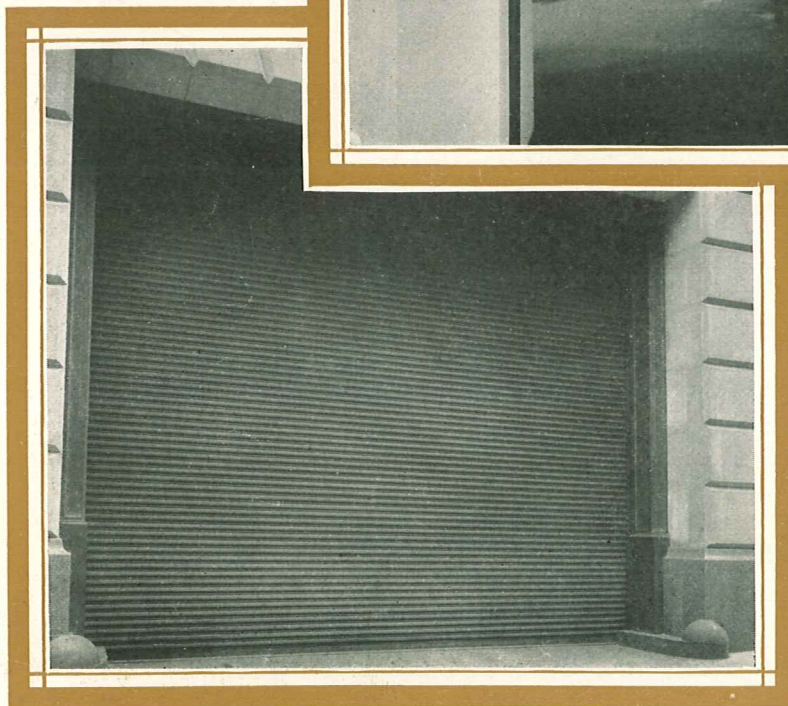
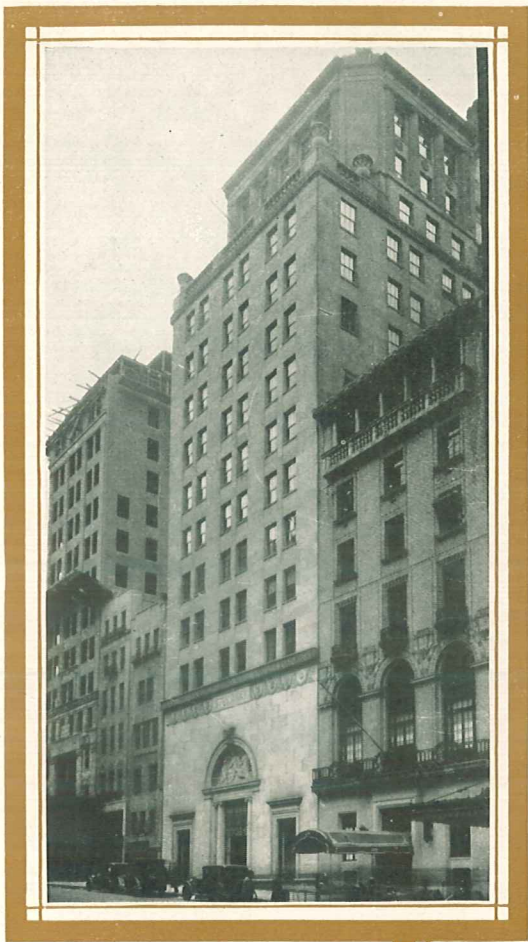
other door will stand these tests as well as the Kinnear Door.

Important to the architect too, are the actual facts of its dependable service under hard usage. In this respect he is convinced in most cases, not by words of others, but by his own actual experience; for in the daily course of his work he cannot avoid seeing and using Kinnear Doors that have given and are still giving dependable service after 20 or 30 years. He regards highly as well, the co-operation of the Kinnear Engineers who assist him in the solution of his door problems.

Last of all he considers the *first* and the *final* cost. It is then that he makes his most important decision. It is then that he writes on his Specification Sheet "KINNEAR" and insists against all comers that his specifications be followed; for he knows that there *IS* no equal.

Let us quote an actual incident. The Architect specified Kinnear Steel Rolling Doors—BUT—he added "or equal". The contractor installed the "or equals". Soon the owners had to tear them out and install Kinnear—the door originally specified. The Architect's reputation suffered. Specify Kinnear and INSIST that your specifications be followed.





Architectural League Club House, 117 E. 40th Street, New York, which won first prize as being one of the most artistic buildings in the city of New York. It is made entirely fire-proof by the use of Kinnear Automatic labeled Steel Rolling Doors. Note the door mounted above the opening on the interior. Also note the large exterior door.

The Advantages of the *Kinnear* Door From the Standpoint of the Owner

The Savings in Space and Time Effected by Kinnear Steel Rolling Doors and their Low Final Cost Because of Inherent Durability will make Kinnear Products the Choice of All Owners Who Build for Efficiency and Permanency.

Great corporations with skilled Engineering Departments have put Kinnear Products to every scientific and practical test and found them entirely satisfactory.

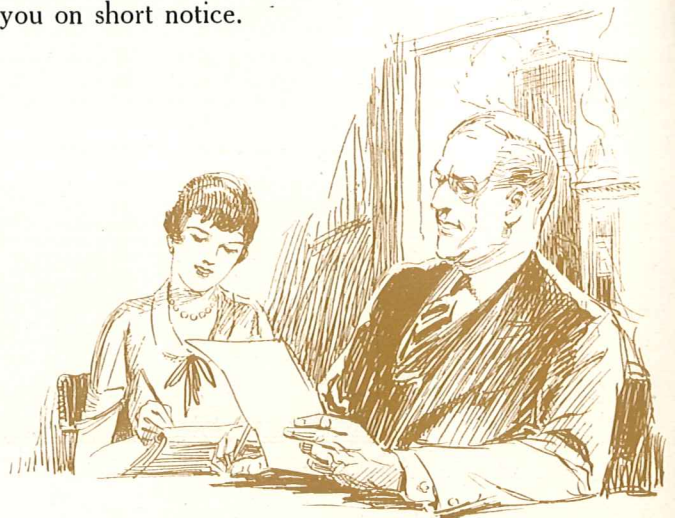
Thousands of well known national concerns have installed not one, but hundreds of Kinnear Doors. Their choice of Kinnear Products above all other makes, comes only after a rigid examination by scientifically trained engineers who keenly appreciate the quality of material used in Kinnear Doors and the exactness and precision with which they are made.

The Kinnear Door is developed to a point where it answers every possible requirement of the building owner. Perfect alignment, perfect balance, careful construction

and skilled workmanship mean a door that is dependable—a door that always works! Its sturdy neat appearance harmonizes with the most artistic building and adds in a marked degree to resale value. Thus the practical beauty of a Kinnear Door is an added advantage to its many other good features. In every detail of construction and design it represents many years of thought and experimentation combined with the experience of thousands of doors in service.

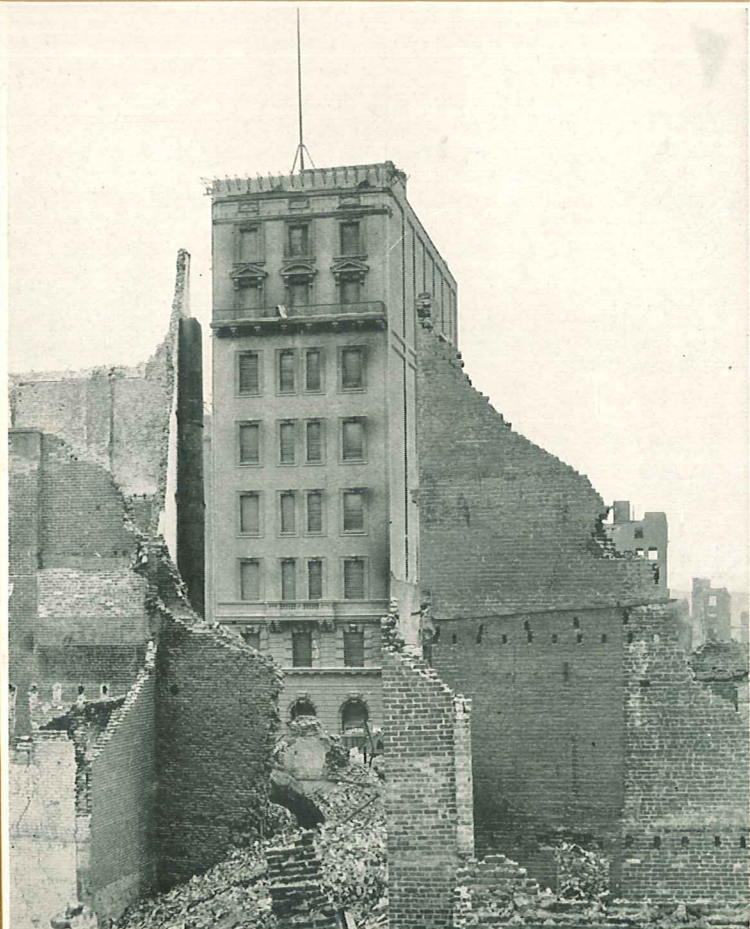
Very important to the owner is the fact that although each door is made to order, replacement parts can be shipped on short order. Patterns of every part made at the Kinnear Plant are kept in a fire-proof vault. Your patterns are *never* destroyed. Should you need a replacement even twenty-five years from now an exact duplicate of the part needed could be sent to you on short notice.

Only Kinnear can give you this service. You will see its great value when you realize at any time this exclusive Kinnear Service may save you the price of the entire door. It costs us money to give this extra service to our customers, but the Kinnear policy is to give SERVICE, and we believe that such service is due every purchaser of a Kinnear Door.





Large Department Store, New York City. Note windows and doors are protected by Kinnear Steel Rolling Doors, making a barrier against fire and theft.



Telephone Exchange Building, San Francisco, which was equipped with Kinnear Automatic Labeled Steel Rolling Shutters, and is the only building left standing in this vicinity after the San Francisco fire.

The Advantages of the Kinnear Door *From the Standpoint of the Contractor*

Quick and accurate estimates from our Engineering Department, accurate designs and working drawings, entire co-operation from our construction crew at installation time in complying with the building procedure plan, has brought contractors to the realization that they actually make more money and have less work by accepting the Kinnear Bid.

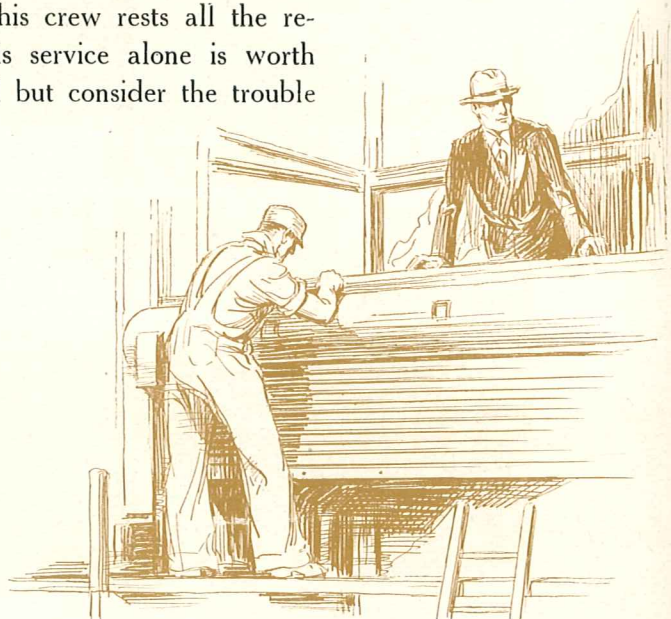
Contractors who consider *all* costs prefer to accept the Kinnear Bid even though the first cost seems a little high. They know that when they do so, they lift a load of responsibility from their own shoulders on to the experienced Door Engineers of the Kinnear Company. They know that once a Kinnear Door is installed, it is installed

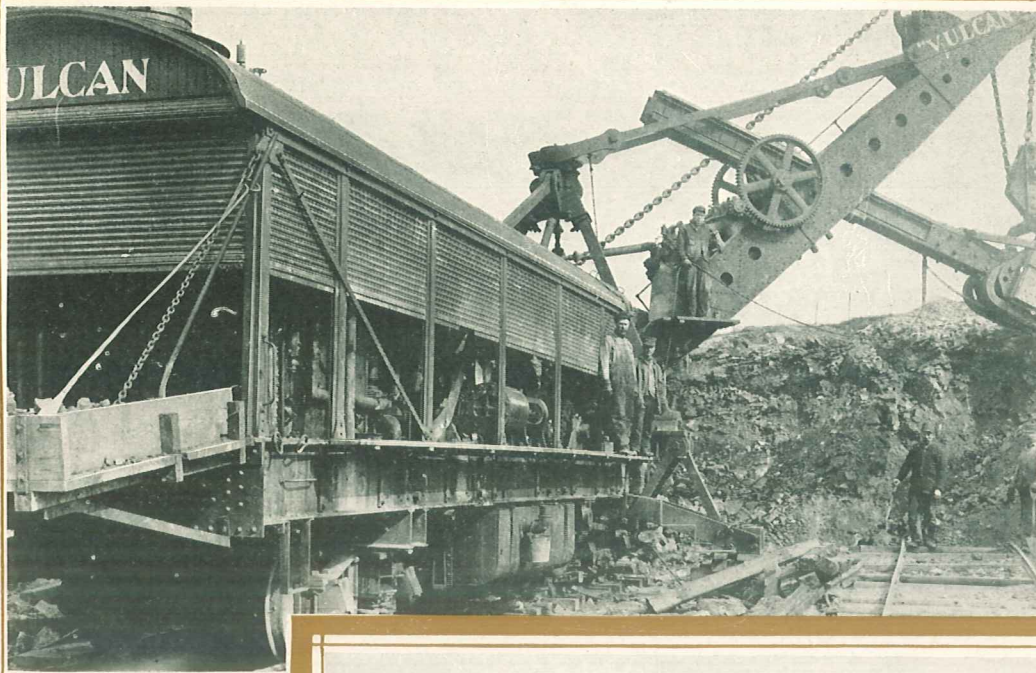
for a lifetime of dependable service and satisfaction to the owner for whom they are contracting.

When a project is under consideration in which no architect is employed, contractors are free to use the facilities of our Engineering Department. Complete working drawings are furnished without any additional cost.

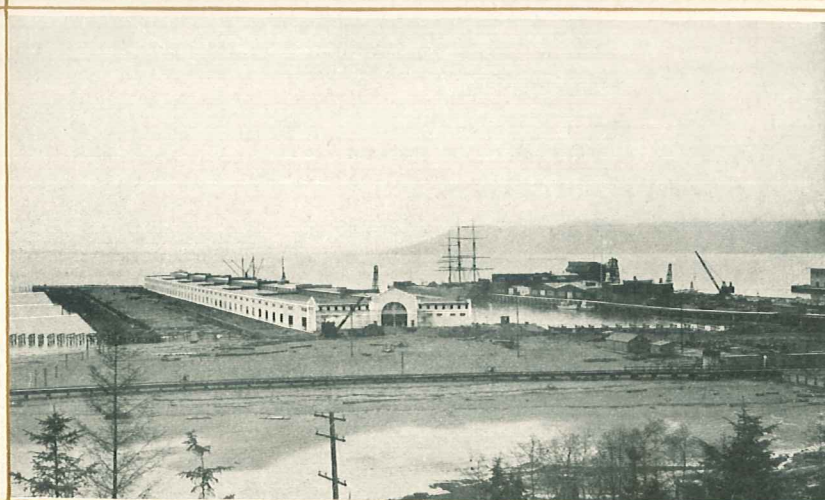
The Kinnear Construction Crew, familiar with nearly every possible installation problem that could arise, install the door with a speed and dexterity which comes only as a result of their long experience with this one particular problem. On this crew rests all the responsibility for proper installation. This service alone is worth many dollars to the contractor if he will but consider the trouble and labor saved.

Contractors who would satisfy both owner and architect, and build up their own reputation for the supervision of speedy and efficient work, will recommend and urge the use of Kinnear Doors. In doing so they will, in the end, save themselves money, time, and trouble.

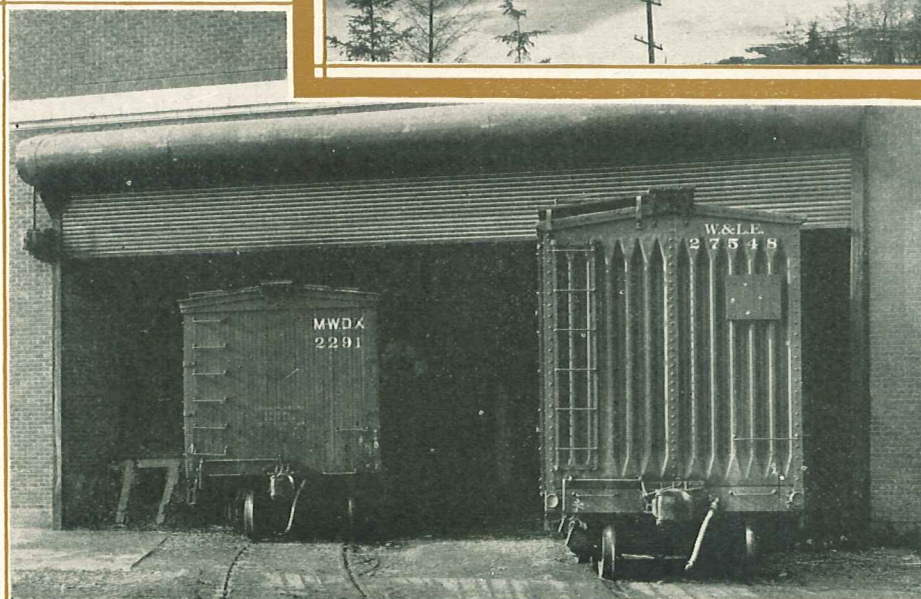




Shows one of the many uses of Kinnear Steel Rolling Doors. These doors completely protect all of the machinery when not in use.



A Port on the Pacific Coast, building being completely equipped with Kinnear Steel Rolling Doors.



Marker Building in Chicago where a large motor operated Kinnear Steel Rolling Door, 39'0" wide and 17'7" high was installed.

The Advantages of the Kinnear Door *From the Standpoint of the Railroad and* **Port Official**

To facilitate the handling of merchandise and freight—to conserve space so valuable in loading and unloading—to make available the greatest floor area possible—these are problems in which the Railroad and Port official find their answer in the Kinnear Door.

These men appreciate the fact that Kinnear Doors are not affected by atmospheric or seasonal conditions. Even on the big ocean piers, where the salt water is so detrimental to nearly all metal construction, Kinnear Doors are giving entire satisfaction. This is a compliment to Kinnear galvanizing and to the fact that the slats are so simply joined together that wear does not affect this rust resisting feature. We furnish Kinnear hot galvanizing as heavy as 1.2 ounces per square foot of flat material

and recommend heavy galvanizing for all types of Steel Rolling Doors.

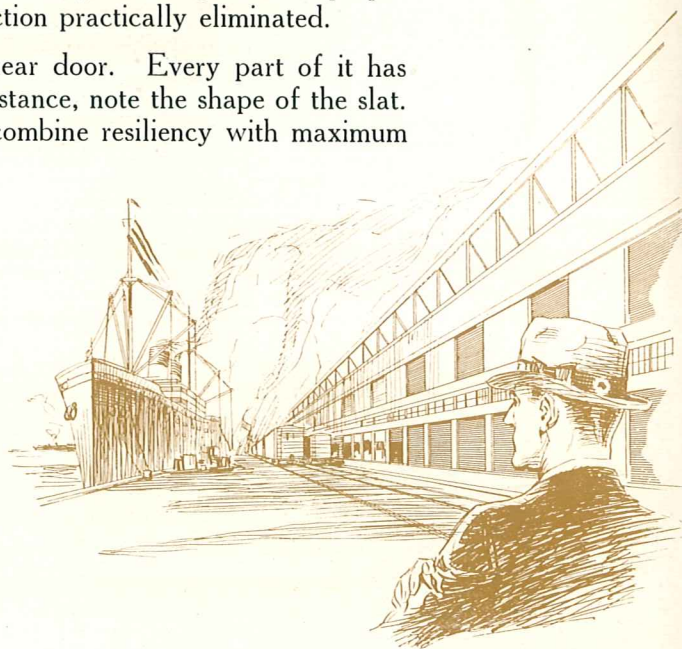
Where the slats are joined together one slat supports the other in a straight line single contact with ample clearance. The interlocking joint is of hook form. One has only to move the section back and forth to see how easily the slats swing on one another. This means that there is very little friction, either as the door hangs in the grooves, or as it is coiled, and consequently wear is reduced to a minimum.

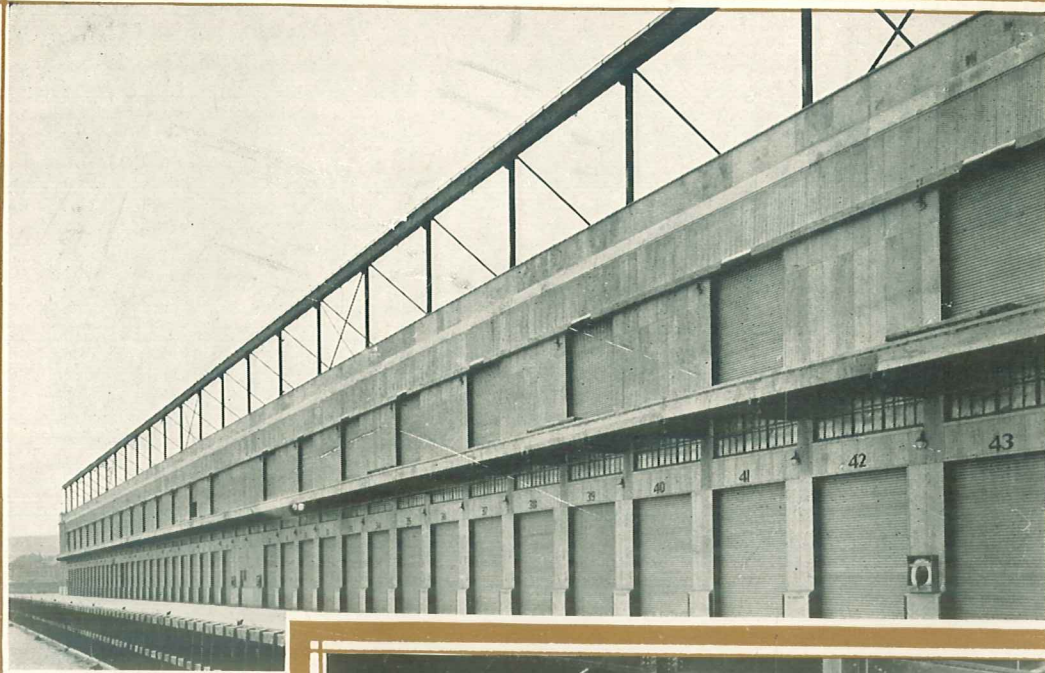
Another prominent Kinnear feature which these careful buyers appreciate is the fact that Kinnear Slats are interchangeable and can be quickly and cheaply replaced in case of accidental damage.

Slats travel in a vertical plane in deep grooves, all parts designed with proper clearances to permit easy movement with friction practically eliminated.

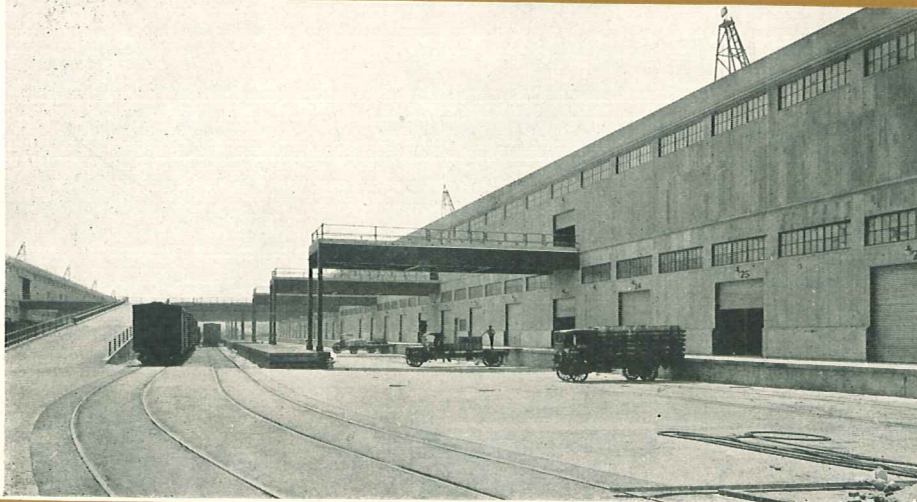
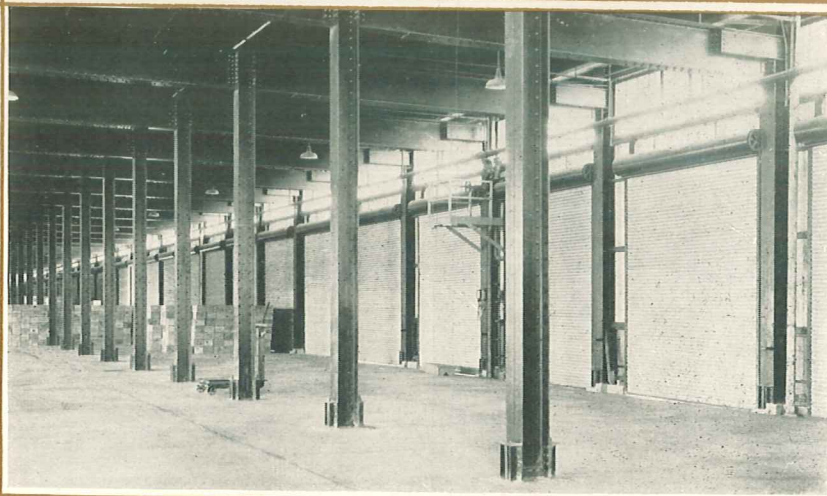
There is nothing accidental about the Kinnear door. Every part of it has been designed for a specific purpose. For instance, note the shape of the slat. It does not just happen, but is designed to combine resiliency with maximum strength of material.

Why is resiliency an important consideration? Because it saves the door from damage. Should a truck or boxes or barrels come in violent contact with it, its resiliency allows it to retreat before the force, increasing its resistance with the deflection until the force is stopped. This leaves the door neither pierced nor indented. These little perfected details that make such a mountain of difference in the good service and long life of a product, invariably win and hold leading railroad and port officials to the constant specification of Kinnear Doors.





Three views of a port on the Pacific Coast. All openings are equipped with Kinnear Steel Rolling Doors.



The Advantages of the Kinnear Door *From the Standpoint of the Export Buyer*

Many Export Buyers act only as Agents for their Clients and never actually see the product which they purchase. Consequently it is always advantageous to deal with a manufacturer whose reputation for a good product and square dealing has been established by years of honest service.

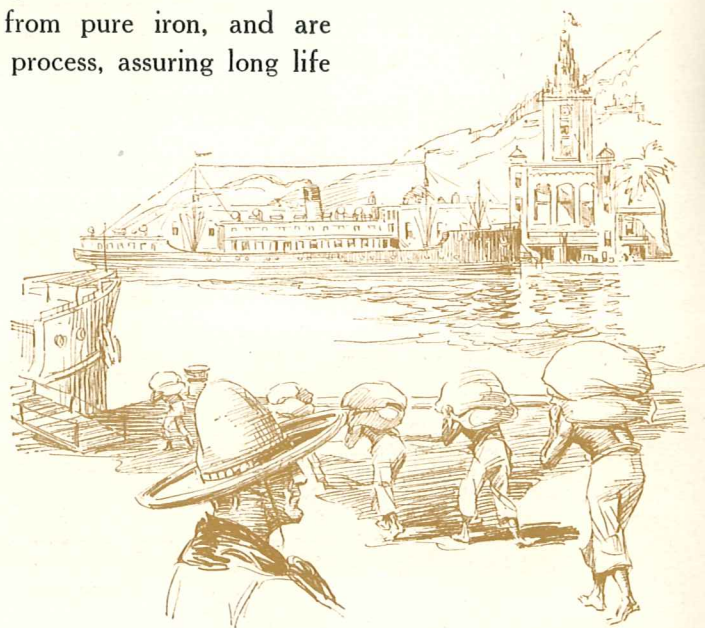
Where information is available, Kinnear designs its doors to meet customers' requirements and submits details for approval which enables customers to know exactly what he is getting and also how it will meet his conditions. It is a definite Kinnear Policy that Export orders be designed, fabricated, inspected, crated and marked in strict accord with customers' request, and each customer is treated with the utmost courtesy and given the advantage of our long years of Experience in the exclusive manu-

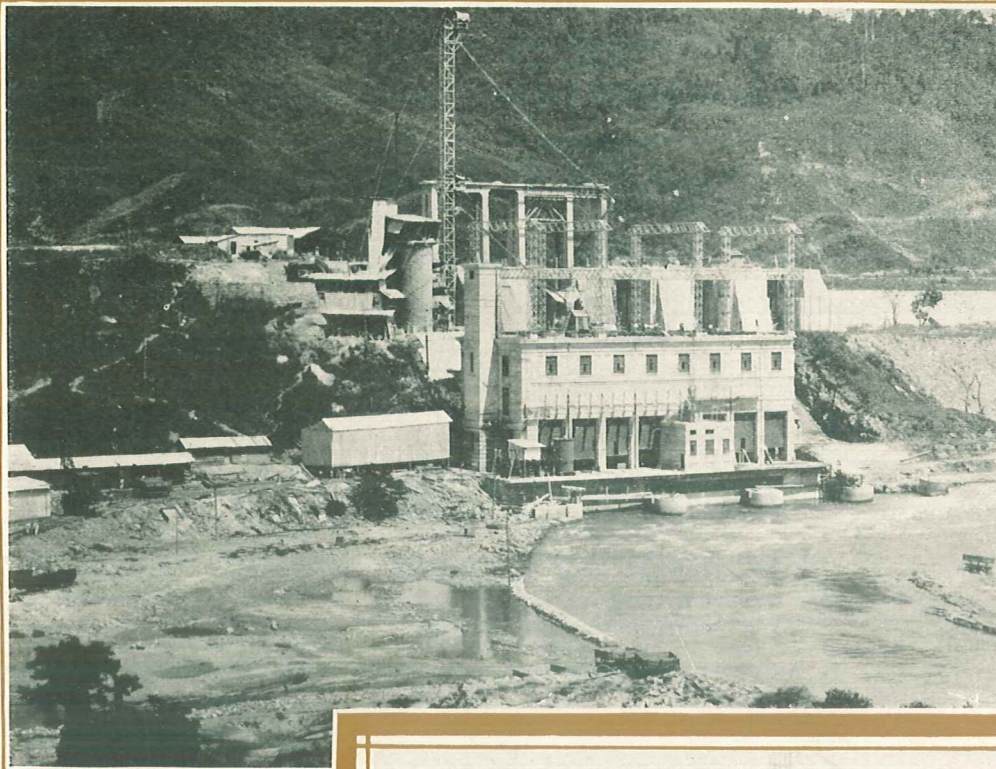
facturing of doors. We aim to make not only a customer for our product, but a friend for our Company.

Thirty years of exclusive door experience, during which time we have built and shipped doors into every part of the world to meet the most exacting conditions, climatic and otherwise, justifies the consideration of the most careful buyer, because our doors have endured and satisfied our customers.

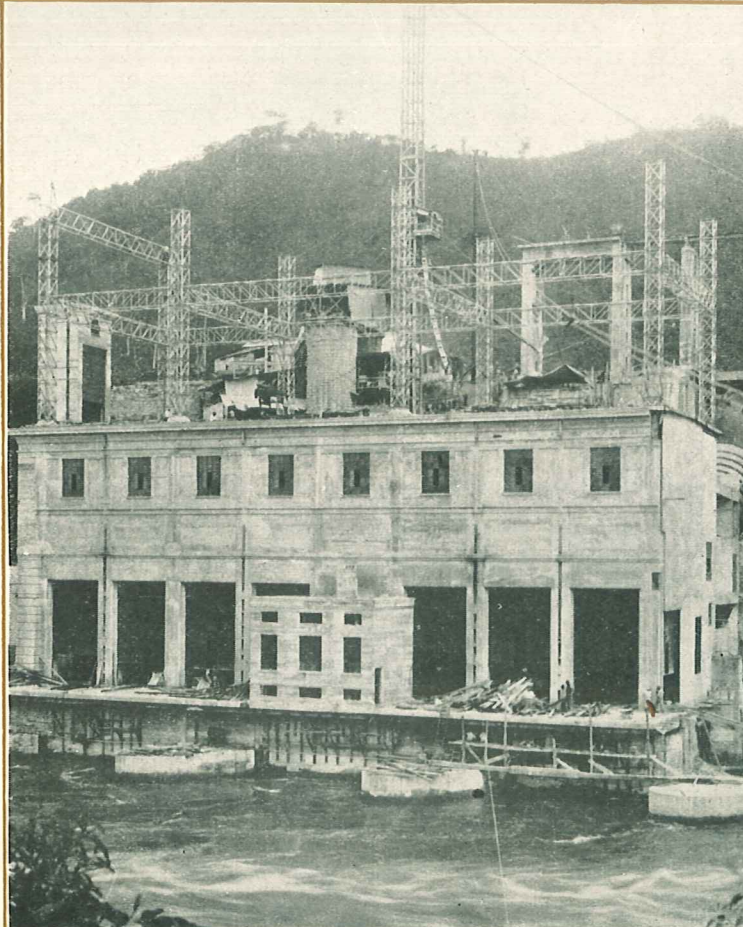
Kinnear Curtains are of interlocking Slats rolled from extra heavy Copper Bearing Steel or from pure iron, and are heavily galvanized by Kinnear hot process, assuring long life of the door in any climate.

By all means, do not compare the sturdy construction of Kinnear Doors with the corrugated doors, constructed of light sheets of commercial steel, which are frequently used in foreign countries. The steel of these doors flexes, the galvanizing peels and flakes, the entire curtain fills with pin holes and the process of corrosion quickly renders such doors useless. Kinnear prices are consistent with Kinnear Quality.





Large Power Plant, Brazil,
S. A., equipped with Kinnear
Steel Rolling Doors, three of
which are motor operated.

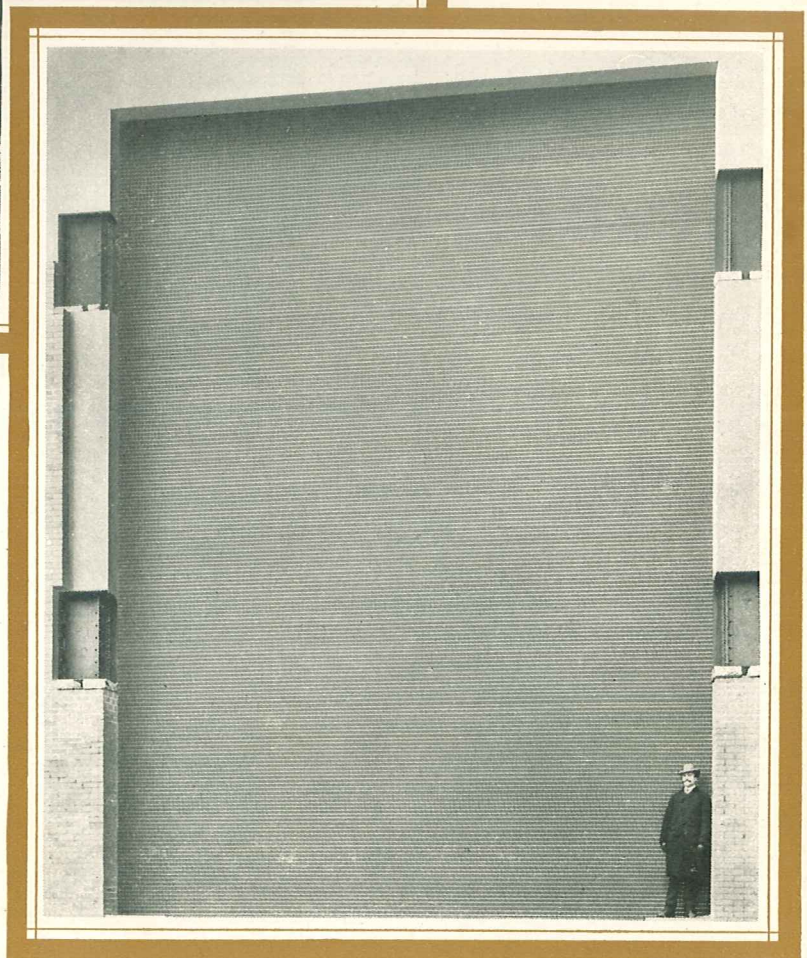


No Opening *Too Difficult for*



Typical installation of Kinnear Steel Rolling Doors on an Aeroplane Tender. A neat compact door traveling in a vertical plane. Mechanism out of sight, out of the way, but always ready for quick and easy operation.

Kinnear doors are highly successful in meeting the requirements for large crane openings. This illustrates a crane opening twenty-five feet wide and thirty-one feet high erected on a building in the Charleston Navy Yard, and shows how well Kinnear Steel Rolling Doors lend themselves to the treatment of large openings where speed and service are requirements—designed either for manual or electrical operation.

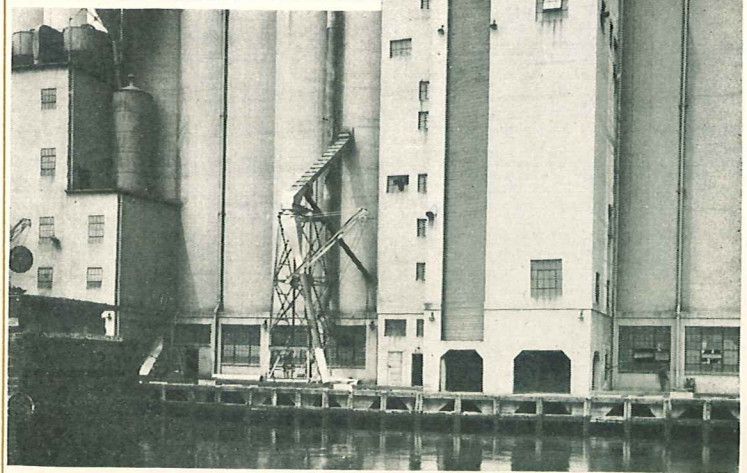


Problem *Kinnear* Engineers



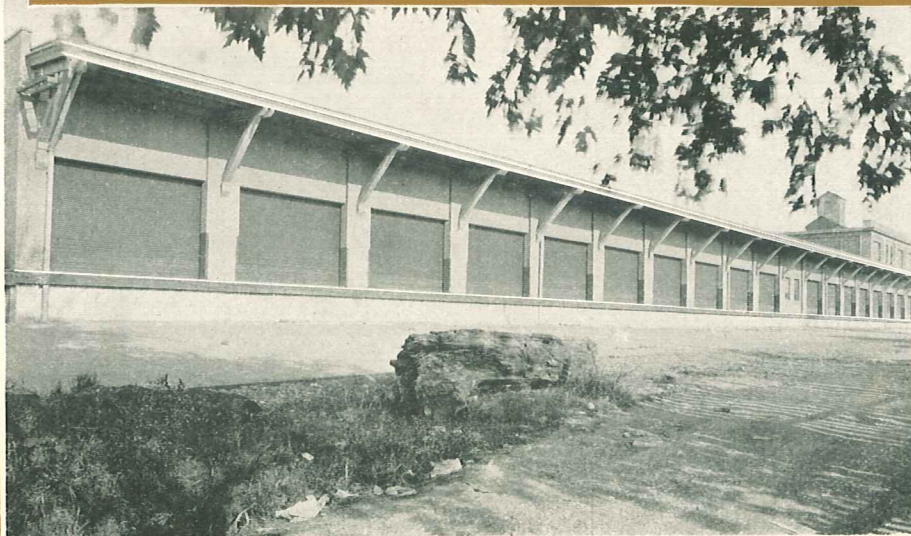
Kinnear Steel Rolling Doors used in combination to close a special crane opening. By means of specially designed gearing—doors, although of different heights—complete their travel simultaneously. Special hinged mullions separate the doors and are arranged to clear opening quickly and easily. Either manual or electrical operation can be provided for both doors and posts, depending upon the needs of customer.

Marine tower doors ranging from sixty to one hundred and twenty feet in height have always offered a problem to architects and engineers. Kinnear Steel Rolling Doors, spring counterbalanced have eliminated these problems and provided a closure which operates quickly and easily and which eliminates the objectionable counterweights. Designed to operate either manually or electrically to meet customers' requirements.





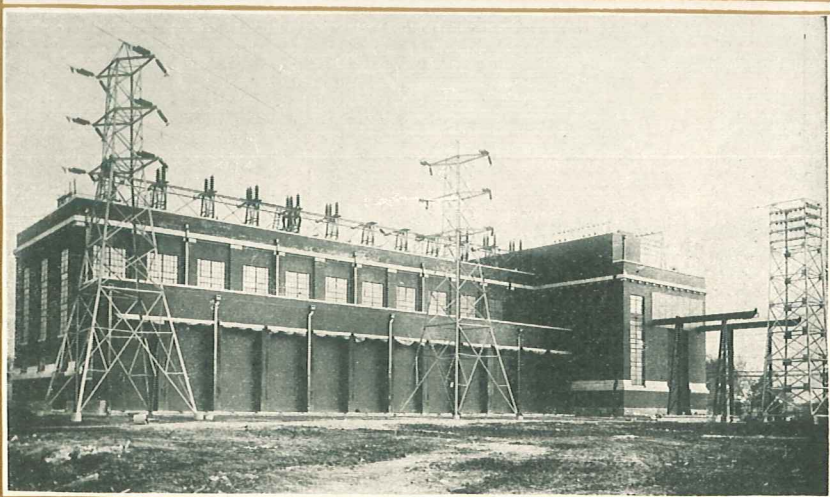
Interior and exterior views of a Pier at one of the Ports of the Pacific Coast, which is completely equipped with Kinnear Doors.



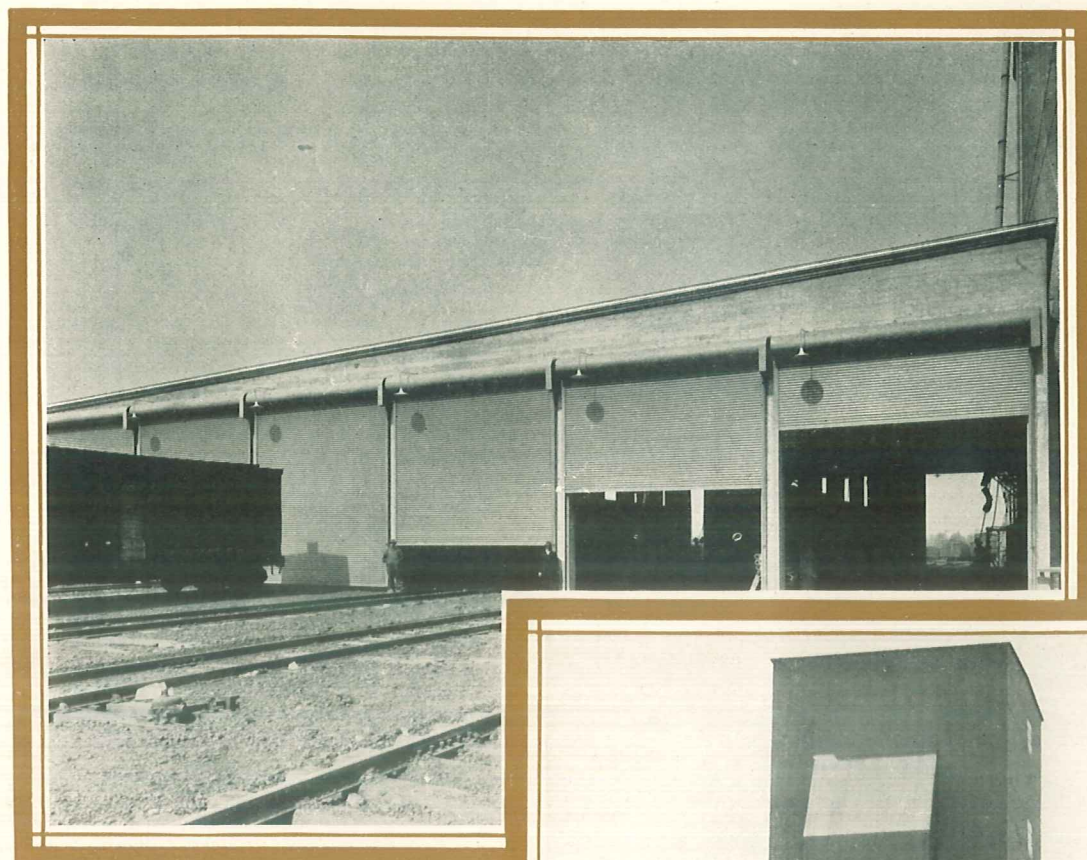
Railroad freight station at Lexington, Ky. All openings being equipped with Kinnear Doors.



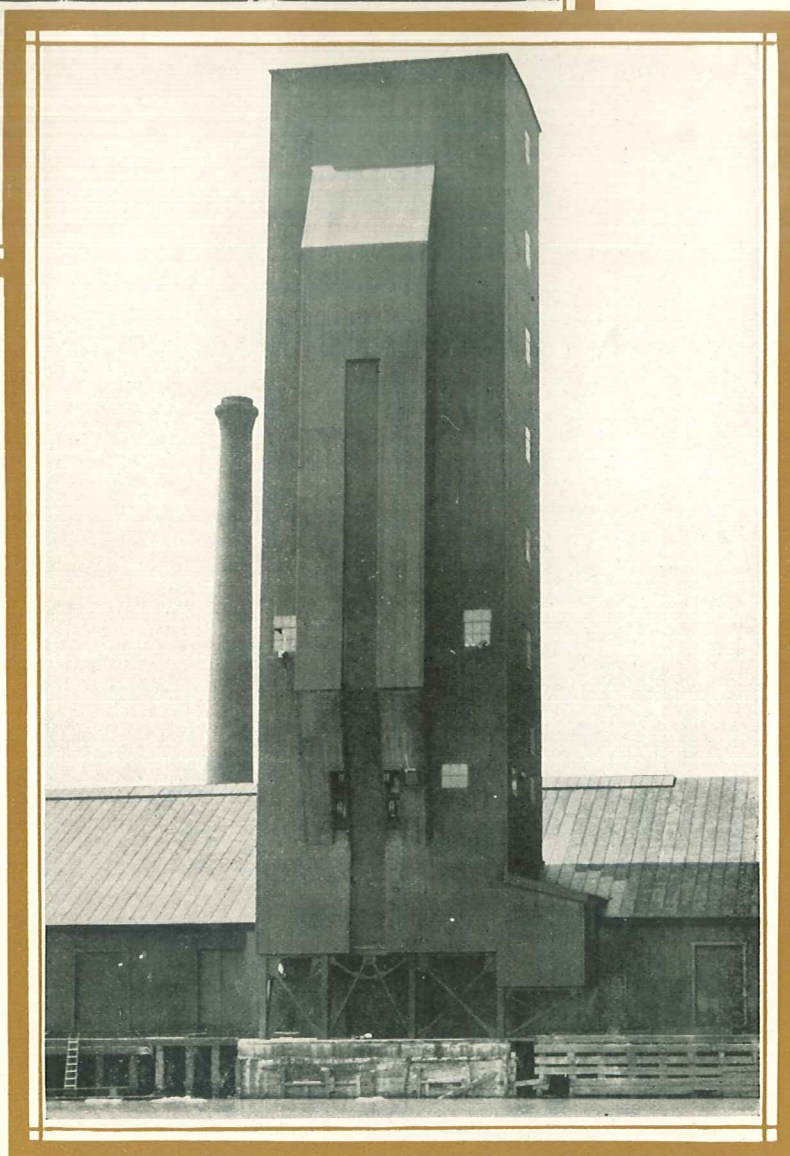
Interior of a Market House in Detroit Completely equipped on all sides with Kinnear Steel Rolling Doors. Exterior shows in picture at bottom of page.



Public Utility Plant at St. Louis. Note Kinnear Steel Rolling Doors were used throughout the one side and when rolled up will permit the entire side of the building to be opened up.



Grain Elevator at Philadelphia, both sides being equipped with Kinnear Steel Rolling Doors, permitting the entrance of freight cars from either side of the building.



To facilitate the quick handling of grain in the modern Grain Elevator, doors of extreme height are necessary in connection with opening in Marine Leg Tower. Various types have been designed, tried and abandoned and it remained for The Kinnear Manufacturing Company to design a spring counterbalanced Steel Rolling Door that can be operated either manually or electrically. This door is 5'0" wide by 90'7" high.



Ferry Boat on the Pacific Coast, which is equipped with Kinnear Steel Rolling Doors protecting passengers and machines against bad weather.



Large Building in Belgium, equipped with Kinnear Steel Rolling Doors.



Interior and exterior view of an Art Gallery at Hartford, Conn. Kinneer Automatic Steel Rolling Doors are used, separating various rooms, making them fireproof.





Office Building of The Standard Oil Company, San Francisco, California, showing application of Kinnear Steel Rolling Doors leading to a basement garage for the storage of Employees' Cars.

This is a departure in modern construction which promises to grow because it is a practical means of relieving traffic congestion in the down town district.





Docks at Colon, Panama, equipped on both sides with Kinnear Steel Rolling Doors.



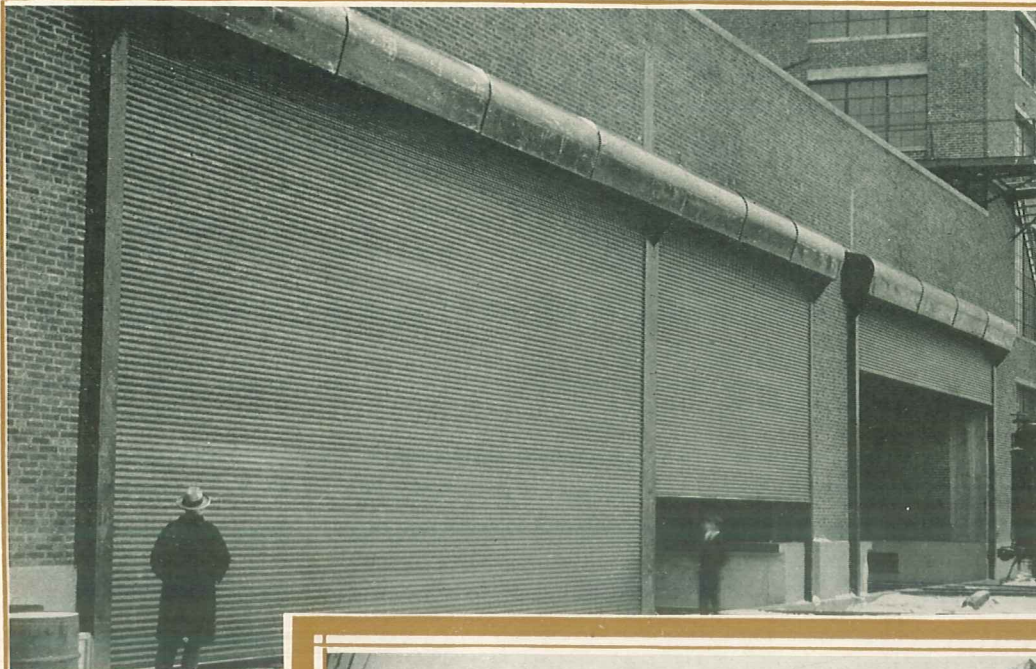
A private garage equipped with Kinnear Steel Rolling Doors.



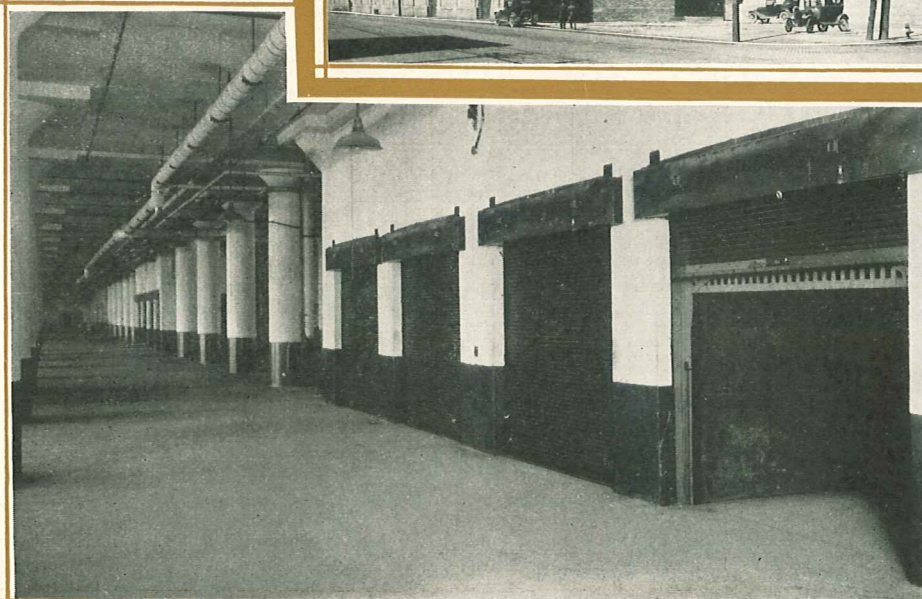
Batteries of Kinnear Steel Rolling Doors installed on a building of National Cloak and Suit Company, Kansas City, Missouri.

These doors, while large, operate quickly and easily, and where loaded trucks are stored for the night in loading concourse form a barrier against fire and theft.





Large warehouse, Kansas City, Mo., equipped with one hundred and eight (108) Kinnear Automatic Steel Rolling Doors labeled by the National Board of Fire Underwriters; also three (3) Kinnear motor operated steel rolling doors, the largest being 35'8" wide x 21'6" high.



Exterior and interior views of Railway Terminal Warehouse, Cincinnati, Ohio, equipped with eighty-five (85) Kinnear Automatic Steel Rolling Doors labeled by the Underwriters, two (2) chain operated steel rolling doors, and three (3) motor operated doors.



Railway Terminal Pier, New York City, equipped on both sides with Kinneer Steel Rolling Doors.



Warehouse, Detroit, Michigan. Interior openings equipped with Kinneer Automatic Labeled Types of Steel Rolling Doors, while exterior openings are equipped with Kinneer Service or Utility Types of Steel Rolling Doors.



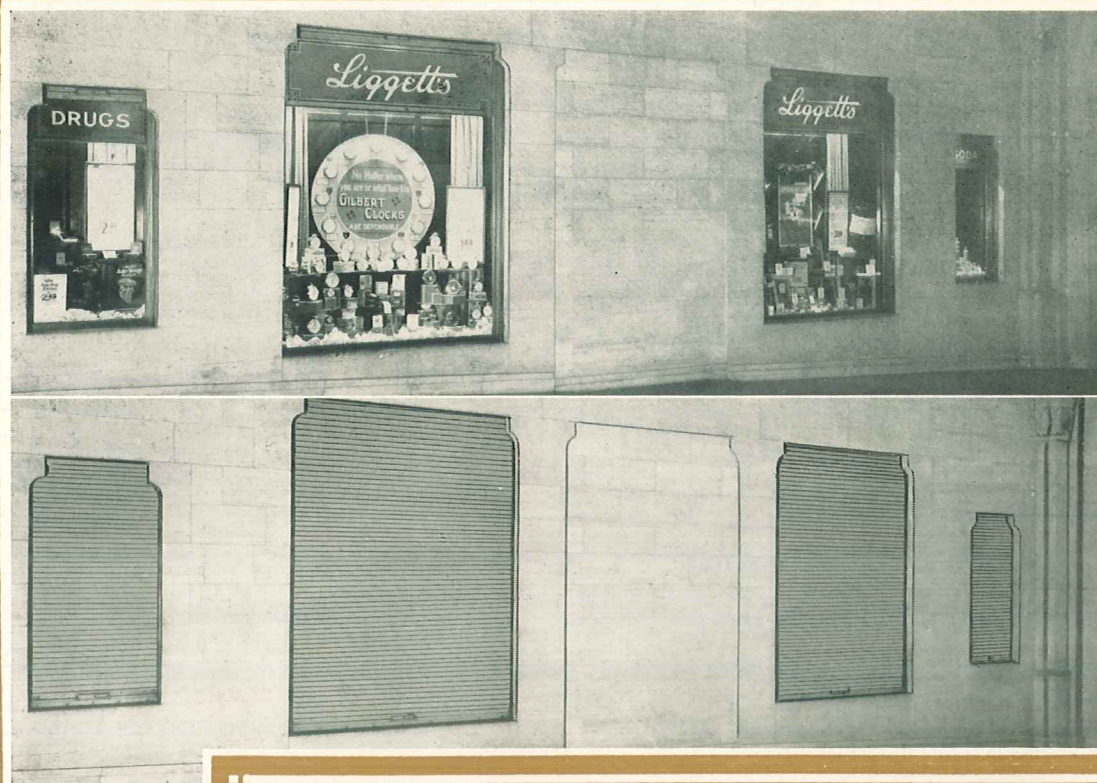
General Offices of a large Company in Los Angeles made completely fire-proof by the installation of Kinnear Automatic Labeled Steel Rolling Shutters.



Large Department Store in Chicago, equipped with Kinnear Automatic Steel Rolling Doors, making the different departments separate fire hazards.



Music Pavilion at the Panama - California Exposition, San Diego, where a Kinnear Steel Rolling Door was installed 32'0" high and which protects the large pipe organ.



Kinnear Steel Rolling Shutters protect window openings of one of the Liggett Drug Stores against fire and theft.

Installation of Kinnear Steel Rolling Fire Doors in College of Music at Cincinnati, Ohio, showing how Kinnear Doors lend themselves to architectural treatment. All parts concealed, yet a positive closing fire-stop in case of need.

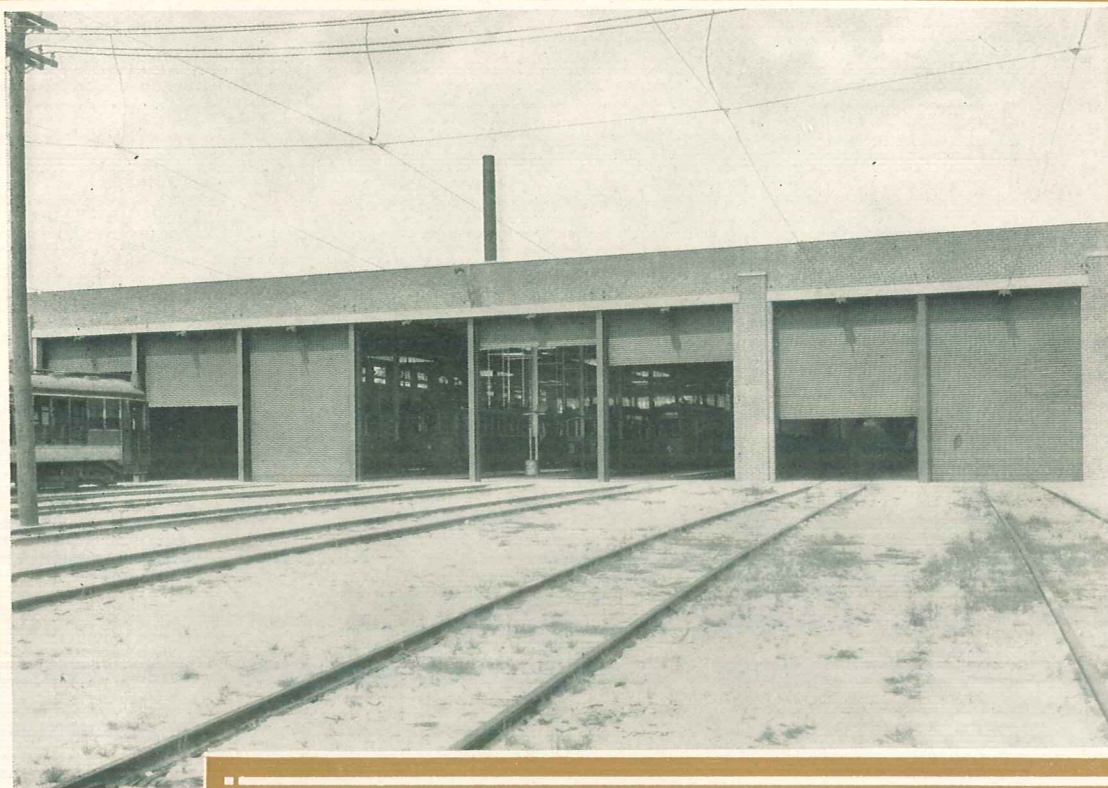




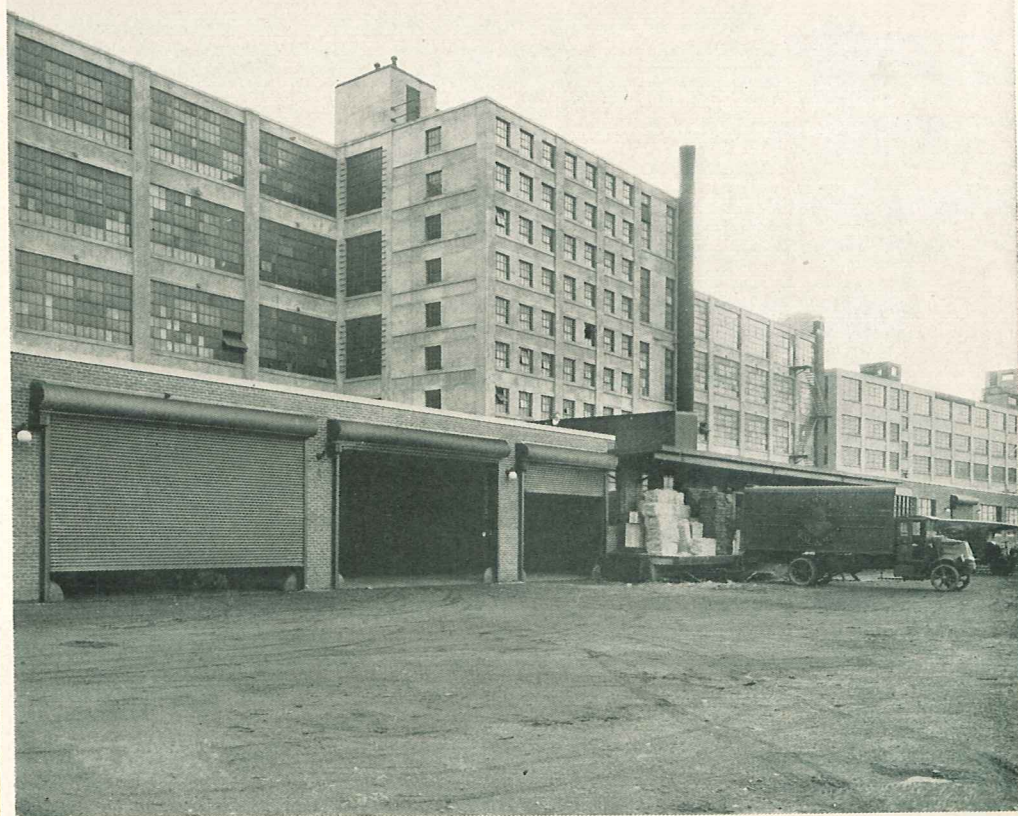
Large Manually Operated Steel Rolling Door erected on railroad opening in Ford Assembly Plant, Cambridge, Mass. Concrete platform has been slotted to permit door to close to track level.



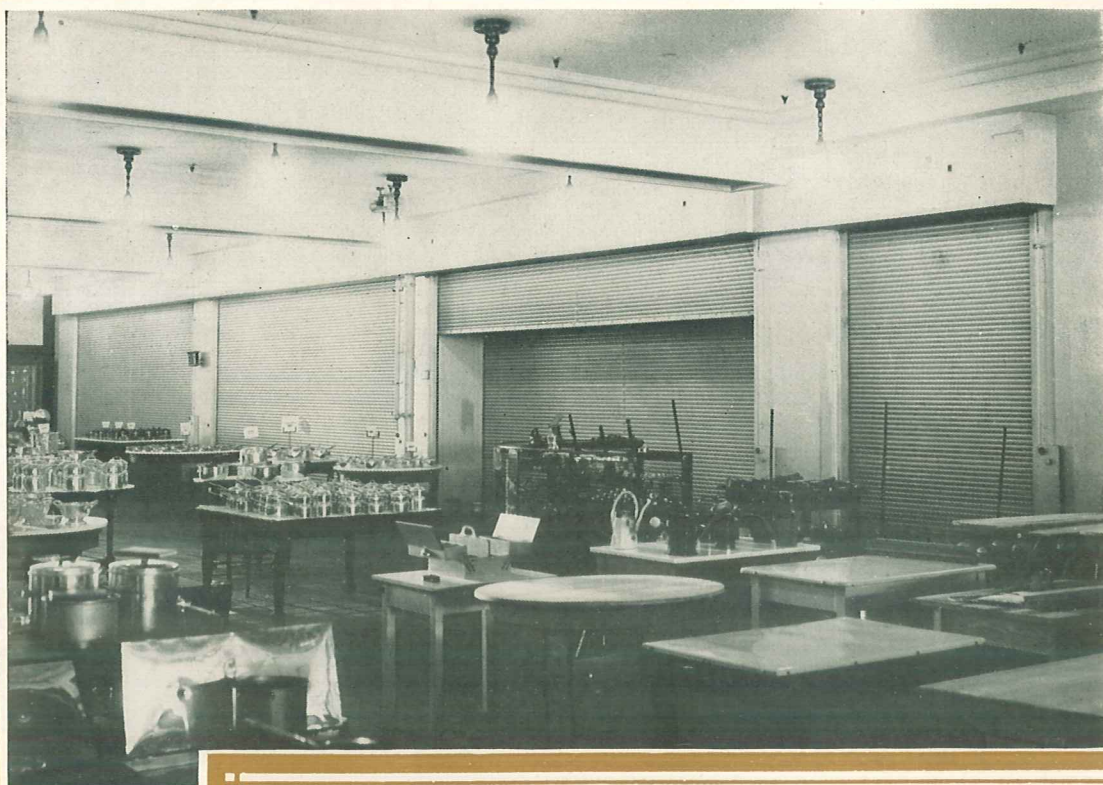
Large Terminal Warehouse in San Francisco completely equipped with Kinnear Steel Rolling Doors, permitting the quick handling of merchandise through door openings at a minimum cost.



Kinnear Electrically operated Steel Rolling Doors installed in Barns of Worcester Consolidated St. Ry. Companies, Worcester, Mass. Each door equipped with special trolley bracket.

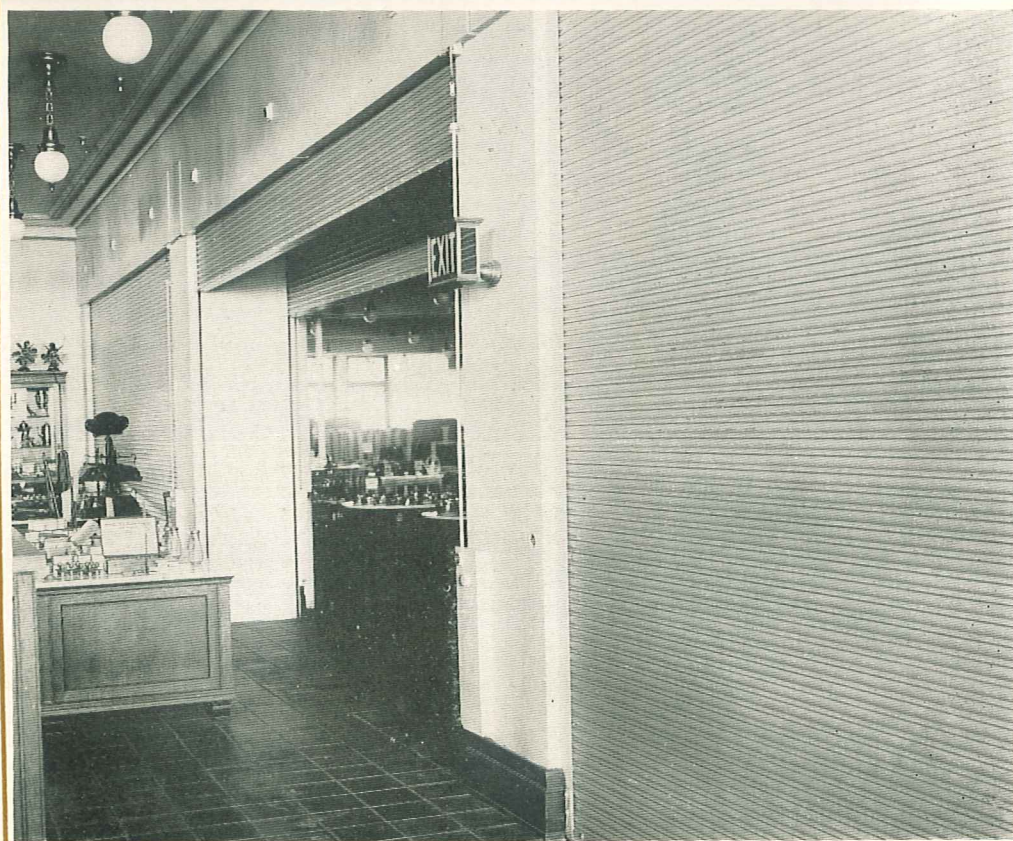


Electrically operated Doors installed on buildings of Jordan Marsh Company, Boston, Mass.



Kinnear Steel Rolling Fire Doors, automatic closing and approved by Underwriters are ideal for reducing floor areas and confining smoke and fire damage to definite section.

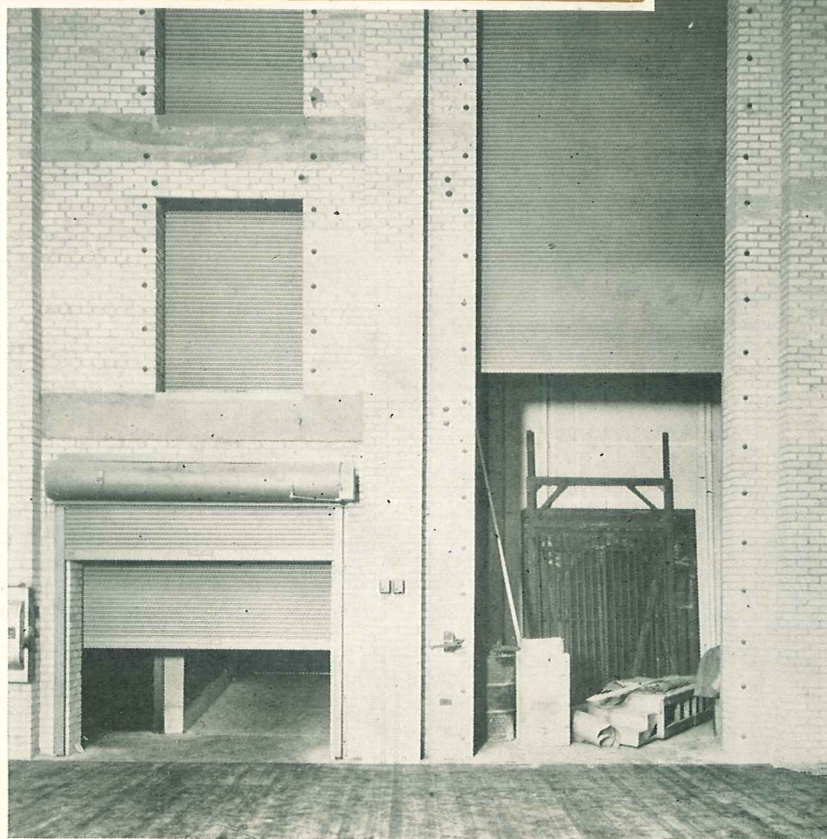
Double doors, concealed type, thermally controlled, installed in one of the country's outstanding Department Stores. Kinnear Steel Rolling Doors lower insurance rates and protect against fire.





Kinnear Electrically Operated Doors installed in the service building of Wm. Filene's Sons Company, Cambridge, Mass.

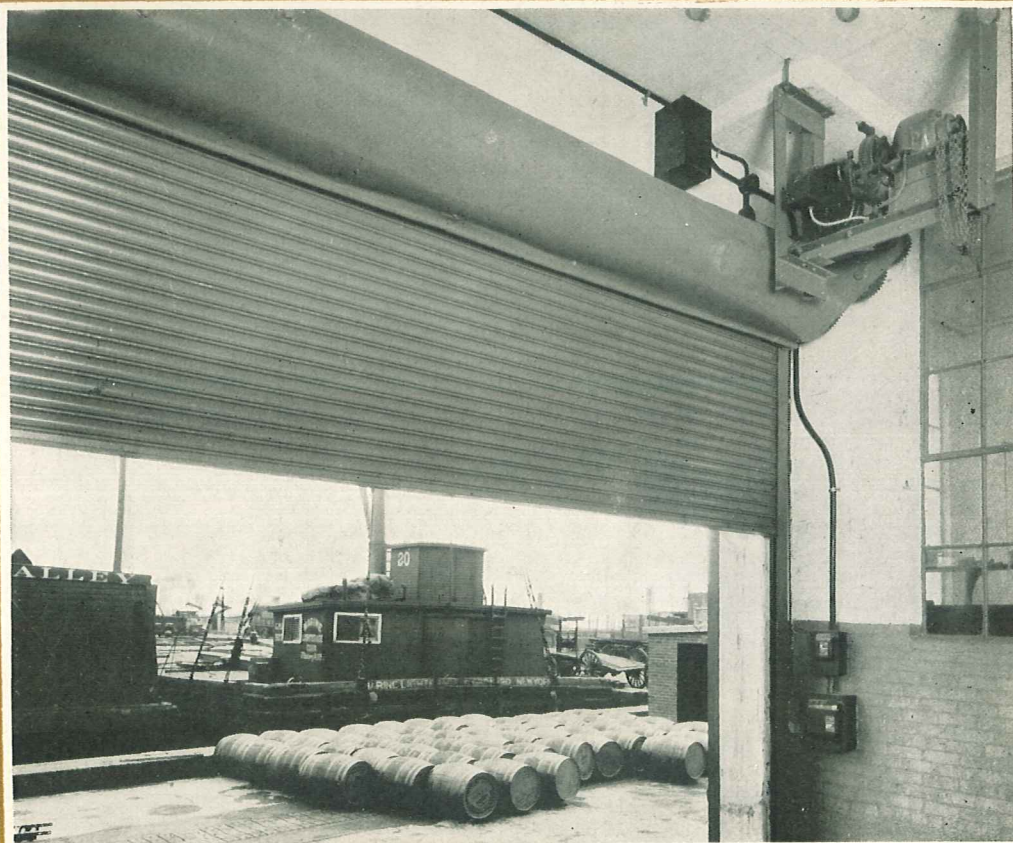
Kinnear Automatic Fire Doors installed in Masonic Temple Building, Cincinnati, Ohio.





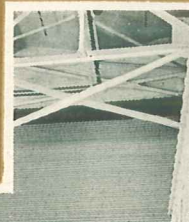
Kinnear
Steel Roll-
ing Doors
erected on
Barns of
Chicago City
Railway
Company at
Thirty
Eighth St
and Archer
Ave., Chi-
cago, Ill.

Typical Kinnear
Steel Rolling Door,
electrically oper-
ated. All mechan-
ism mounted above
opening, affording
quick and easy op-
eration and provid-
ing maximum floor
space. This door
guards the entrance
to a large oil ware-
house in New York
City.

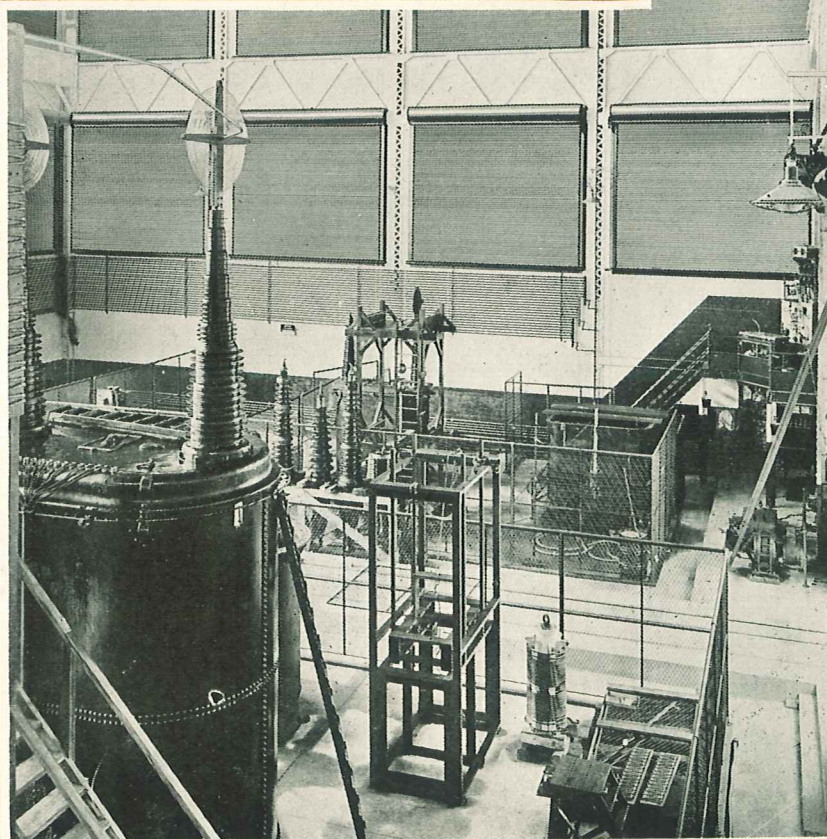


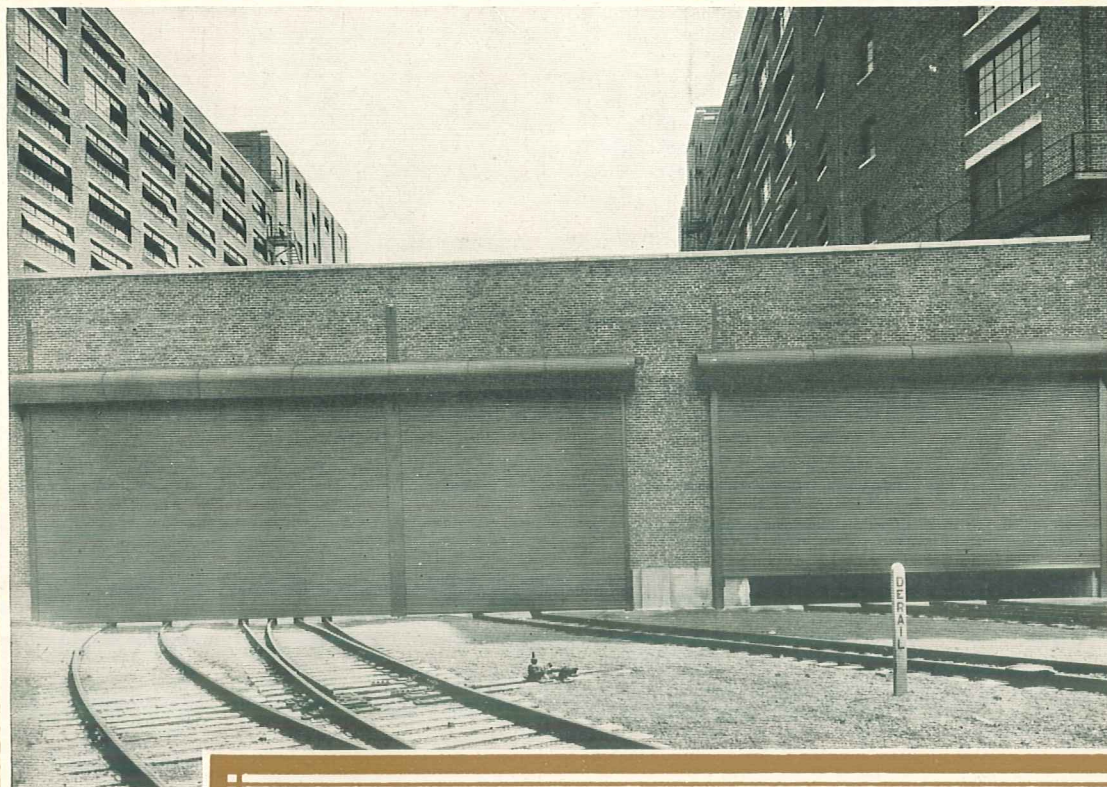


Kinnear Doors installed on Dry Kilns, New York City. Steel Rolling Doors on fire-proof kilns reduce insurance rate.



Kinnear Shutters installed on interior of Transformer Test Laboratory at Pittsfield, Mass. These Shutters were designed not only for protection but also to exclude light.





Electrically operated doors at large track openings; furnished for conditions shown on building in Kansas City, Missouri.



Batteries of Kinneer Steel Rolling Doors installed at plant of Central Forge Company, Detroit, Michigan. This installation permits the opening up of entire building when weather is hot and closing when weather is cold or inclement.

Every *Kinnear* Door Must be Built *to Order* *No Doors Are Carried in Stock*

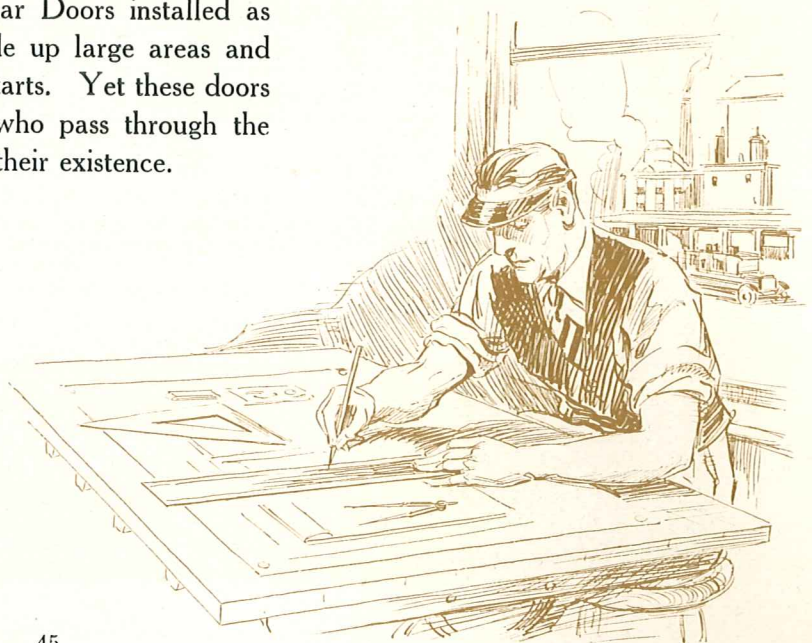
Every Kinnear Door is built to order to meet customers' peculiar requirements. In designing a door for customers' requirements we are able to provide minimum clearances and keep all members uniform and sightly to coordinate with all the other conditions surrounding the opening.

You have no doubt observed doors which were installed without regard to surrounding conditions, and know how unsightly an installation of this kind appears. The door may be rugged and serve its purpose, but it lacks the finesse necessary in present day architecture and thus thwarts the ideals of the architect and owners.

If we have the opportunity to work with architects and engineers during the designing period of a job, we are frequently able to conceal all the working parts of a door, and the only part visible would be the curtain when in a closed position. Door may be incased by wood, marble or bronze as desired.

Some of the largest and finest Department Stores in the Country are equipped with Kinnear Doors installed as fire stops, which are used to divide up large areas and confine fire to the unit in which it starts. Yet these doors are so designed that the crowds who pass through the stores daily are never conscious of their existence.

These results are possible because we build doors to order just as the tailor makes your suit, and when completed, the results harmonize completely with the architectural surroundings. This, you can readily see, would not be possible with "stock" doors.



Wood Rolling Doors and Partitions

Kinnear Wood Rolling Doors are available for exterior and interior openings in any reasonable size.

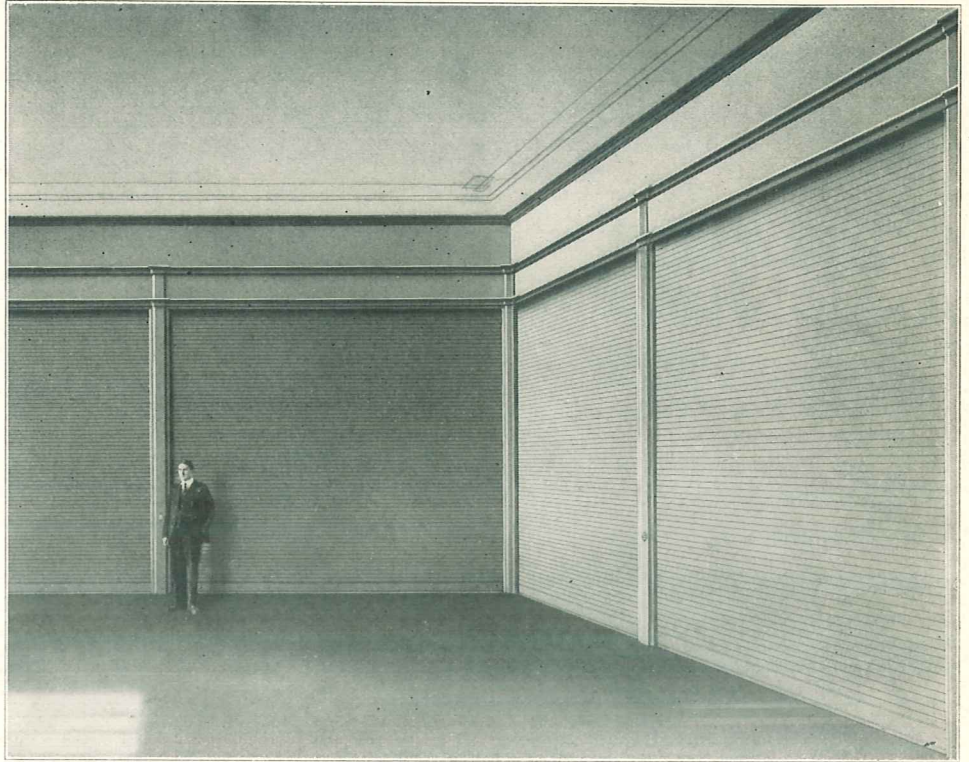
Doors operate in exactly the same manner as Steel Rolling Doors except that slats are wood.

Where curtain is exposed to the elements, slats are creosoted.

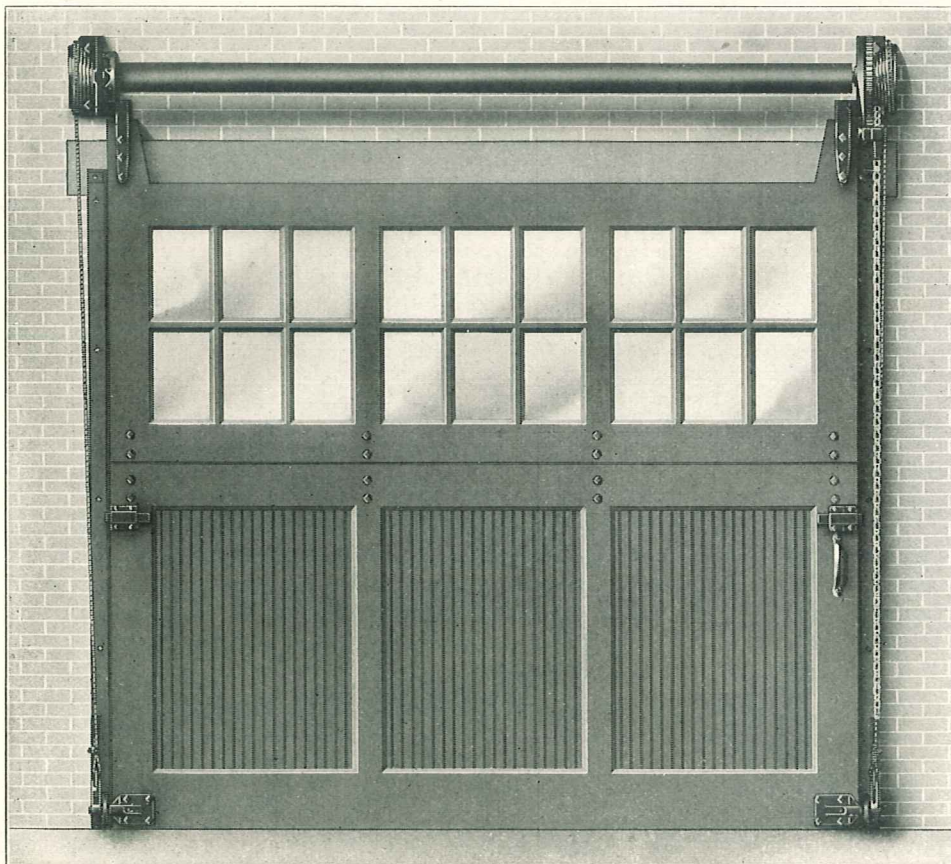
Operation is either manually, through reduction gearing and endless chain, or by means of crank and reduction gearing.

Kinnear Wood Rolling Partitions afford an excellent means of subdividing Churches, Class Rooms, or any other large areas where it is desirable to divide same into a number of units. These partitions are sightly, easily operated and can be finished to correspond with the interior of any building.

Extremely large openings are divided by removable posts as shown in illustration.



Send opening sizes for specifications.



Kinnear Bifolding Doors

Where light is a necessity through the door, Kinnear Bifold No. 5 Construction is ideal, being the spring counter-balanced type, which operates quickly and easily by hand for small sized doors, and by chain and reduction gear for larger sized doors.

Panels are built of air dried materials in our own mill.

Steel Panels can be furnished if desired.

By eliminating counterweights we are able to furnish a compact installation which is sightly, rugged, and which operates quickly and easily.



PLACE
ONE CENT
STAMP
HERE

The Kinnear Manufacturing Co.,

1750 Fields Avenue

Columbus, Ohio

A Kinnear Engineer Representative Is Close to You Use Him Without Any Charge or Obligation~

The Kinnear Organization is International. We have trained men everywhere who are familiar with our product and who can give intelligent information on your door problems. We maintain our own District Offices in practically every large city in the United States, and where we do not operate our own office we have District Salesmen who have handled our products for many years, and are not only familiar with the sales but with the installation of our doors.

We also have selling organizations in many foreign countries who handle our complete line. All of these representatives are at your service without obligation.

If you have a door problem of any kind, call our representative nearest you, and if he is unable to answer your questions he will gladly go to headquarters and get the information that you need. This is a part of Kinnear Service.

NOTE: Kinnear Branch Offices are listed on page 1 of this book. Your local phone directory will enable you to get in immediate touch with our representative in your city.

